Service Manual

74 SR770/02B, SR770U, K
74 SR870/02B, SR870U, K
Audio/Video Receiver

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Please use this service manual with referring to the user guide (D.F.U) without fail.

marantz®

model SR770/SR870

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Using superior design and selected high grade components, **MARANTZ** company has created the ultimate in stereo sound. Only original **MARANTZ** parts can insure that your **MARANTZ** product will continue to perform to the specifications for which it is famous.

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The following information must be supplied to eliminate delays in processing your order :

1. Complete address
2. Complete part numbers and quantities required
3. Description of parts
4. Model number for which part is required
5. Way of shipment
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FAX : 630 - 307 - 2687

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FAX : +31 - 40 - 2735578

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MARANTZ PROFESSIONAL PRODUCTS
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FAX : 630 - 820 - 8103

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TC ELECTRONICS CANADA LTD
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BAIE D'URFÉ, QUEBEC H9X 3T2
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PHONE : 514 - 457 - 4044
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Sao Paulo, SP, BRAZIL
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HONG KONG

FORWARD INTERNATIONAL CORP.LTD.
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88 QUEEN'S ROAD, CENTRAL, H. K,
PHONE : +852 521 - 0883
FAX : +852 521 - 7835

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6 TH FL NO, 148 SUNG KIANG ROAD,
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PHONE : +886 (2) 5221304 - 8
FAX : +886 (2) 5630415

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MRZ STANDARD CO,, LTD,
746 - 750 WANGBURAPA BANGKOK
10200 THAILAND
PHONE : +66 2222 9181
FAX : +66 2225 8871

MALAYSIA

WO KEE HONG ELECTRONICS SDN. BHD.
NO. I 02 JALAN SS 21/35, DAMANSARA
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SELANGOR DARUL EHSAN,
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PHONE : +60 3 - 7184666
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Sagamihara - shi, Kanagawa
Japan
PHONE : +81 427 44 7950
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営業本部 〒150
東京都渋谷区恵比寿南 1 - 11 - 9

SINGAPORE

FORWARD MARKETING (SINGAPORE) PTE. LTD.
29, LENG KEE ROAD
SINGAPORE I 59099,
PHONE : +65 475 - 4555
FAX : +65 475 - 8623

SHOCK, FIRE HAZARD SERVICE TEST :

CAUTION : After servicing this appliance and prior to returning to customer, measure the resistance between either primary AC cord connector pins (with unit NOT connected to AC mains and its Power switch ON), and the face or Front Panel of product and controls and chassis bottom.

Any resistance measurement less than 1 Megohms should cause unit to be repaired or corrected before AC power is applied, and verified before it is return to the user/customer.

Ref. UL Standard N0. 1492.

In case of difficulties, do not hesitate to contact the Technical Department at above mentioned address.

970214KI

1. TECHNICAL SPECIFICATIONS

FM TUNER SECTION

	SR770	SR870
Frequency Range	87.5 – 108.0 MHz	87.5 – 108.0 MHz
Usable Sensitivity	IHF 1.3μV/13.5 dBf	IHF 1.3μV/13.5 dBf
Signal tc Noise Ratio	Mono/Stereo 76/68 dB	Mono/Stereo 76/68 dB
Distortion	Mono/Stereo 0.2 / 0.5%	Mono/Stereo 0.2 / 0.5%
Stereo Separation	1 kHz 40 dB	1 kHz 40 dB
Alternate Channel Selectivity	±400 kHz 65 dB (U version) ±300 kHz 65 dB (K/02B version)	±400 kHz 65 dB (U version) ±300 kHz 65 dB (K/02B version)
Image Rejection	98 MHz 50dB (U version) 98 MHz 70 dB (K/02B version)	98 MHz 50dB (U version) 98 MHz 70 dB (K/02B version)
Tuner Output Level	1 kHz, ±75 kHz Dev 800mV (U version) 1 kHz, ±40 kHz Dev 800mV (K/02B version)	1 kHz, ±75 kHz Dev 800mV (U version) 1 kHz, ±40 kHz Dev 800mV (K/02B version)

AM TUNER SECTION

	SR770	SR870
Frequency Range	520 – 1710 kHz (U version) 531 – 1602 or 520 – 1710 kHz (K version) MW:531 – 1602 kHz (/02B version) LW152 – 282 kHz (/02B version)	520 – 1710 kHz (U version) 531 – 1602 or 520 – 1710 kHz (K version) MW:531 – 1602 kHz (/02B version) LW152 – 282 kHz (/02B version)
Signal to Noise Ratio	50 dB	50 dB
Usable Sensitivity	Loop 500 μV	Loop 500 μV
Distortion	1 kHz, 30% Mod. 0.5%	1 kHz, 30% Mod. 0.5%
Selectivity	±20 kHz 70 dB (U version) ±18 kHz 70 dB (K/02B version)	±20 kHz 70 dB (U version) ±18 kHz 70 dB (K/02B version)

AUDIO SECTION

	SR770	SR870
Rated Power		
Stereo Mode FRONT (20 Hz – 20 kHz)	8 ohms 80W / Ch (2ch driven)	8 ohms 110W / Ch (2ch driven)
(Main in) Center (40 Hz – 20 kHz)	8 ohms 80W / Ch	8 ohms 110W / Ch
(Main in) Surround (40 Hz – 20 kHz)	8 ohms 30W / Ch	8 ohms 75W / Ch
THD Front (20 Hz – 20 kHz)	8 ohms 0.05%	8 ohms 0.05%
Input Sensitivity/Impedance		
Linear	220mV/40 kohms	220mV/40 kohms
Signal to Noise Rate (IHF A)		
Linear	82 dB	82 dB
Dolby Surround Adjacent Channels Separation	50 dB	50 dB

VIDEO

	SR770	SR870
Television Format	NTSC (U version) PAL/NTSC/SECAM (K/02B version)	NTSC (U version) PAL/NTSC/SECAM (K/02B version)
Input Level/Impedance	1Vp-p/75 ohms	1Vp-p/75 ohms
Output Level/Impedance	1Vp-p/75 ohms	1Vp-p/75 ohms
Video Frequency Response	5 Hz to 7 MHz (– 3 dB)	5 Hz to 7 MHz (– 3 dB)
S/N	63 dB	63 dB

GENERAL

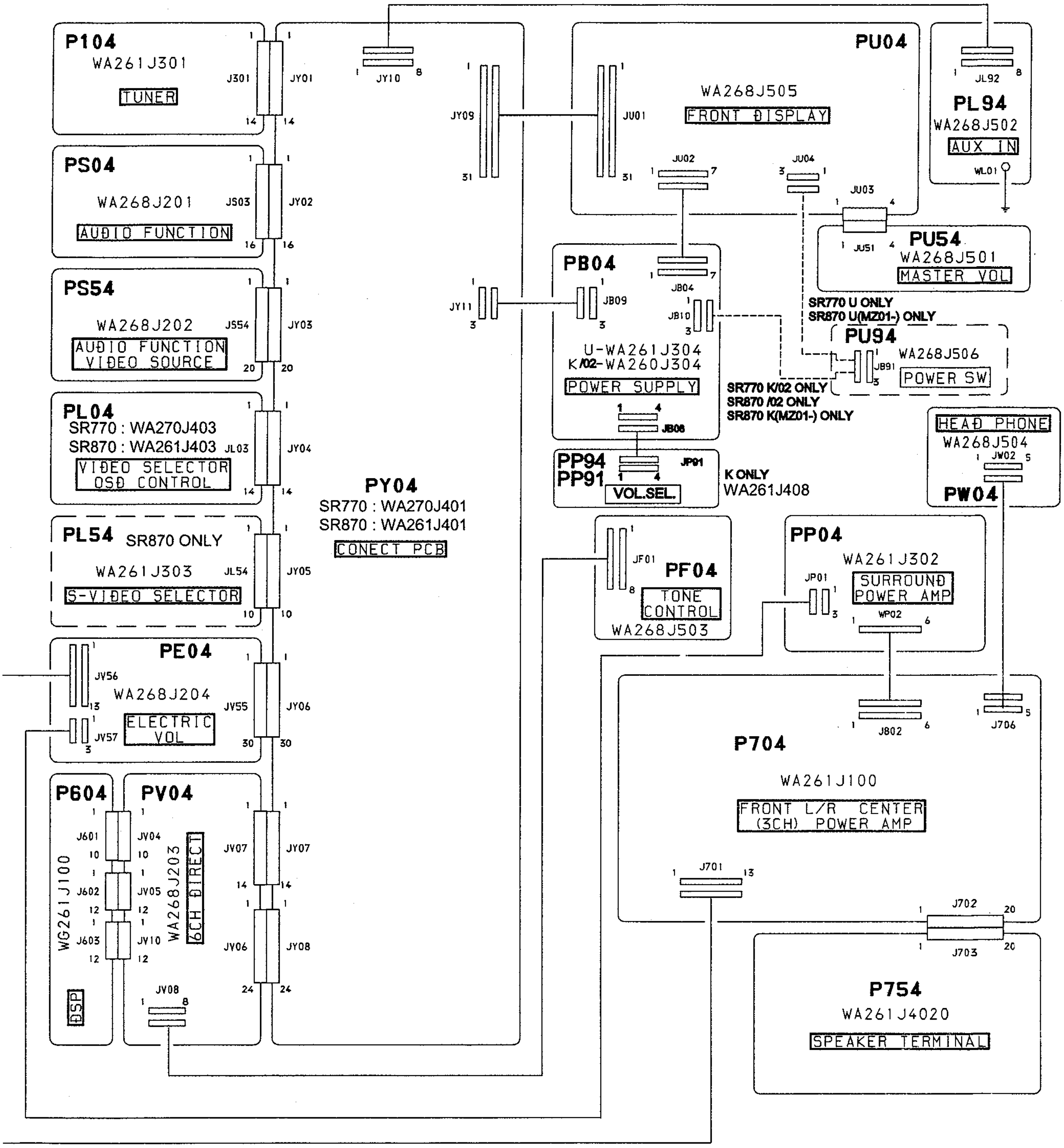
	SR770	SR870
Power Requirement	AC 120V 60 Hz (U version) AC 230V 50 Hz (/02B version) AC 110/120/220/240V 50/60 Hz (K version)	AC 120V 60 Hz (U version) AC 230V 50 Hz (/02B version) AC 110/120/220/240V 50/60 Hz (K version)
Power Consumption	300W	375W
Dimension (MAX)		
Width	17-¼ inches (439 mm)	17-¼ inches (439 mm)
Height	6-¼ inches (158 mm)	6-¼ inches (158 mm)
Depth	18 inches (458 mm)	18 inches (458 mm)
Weight	28.0 lds. (12.7 kg)	31.7 lds. (14.4 kg)

ACCESSORIES

	SR770	SR870
Remote Control Unit RC2000 (SR870 U version only)		1
Remote Control Unit RC870SR (U/K/02B version)	1	1
AA-size batteries (R870 U version only)		4
AAA-size batteries (U/K/02B version)	2	2
FM Feeder Antenna	1	1
FM Antenna Converter (U version only)	1	1
AM Loop Antenna	1	1

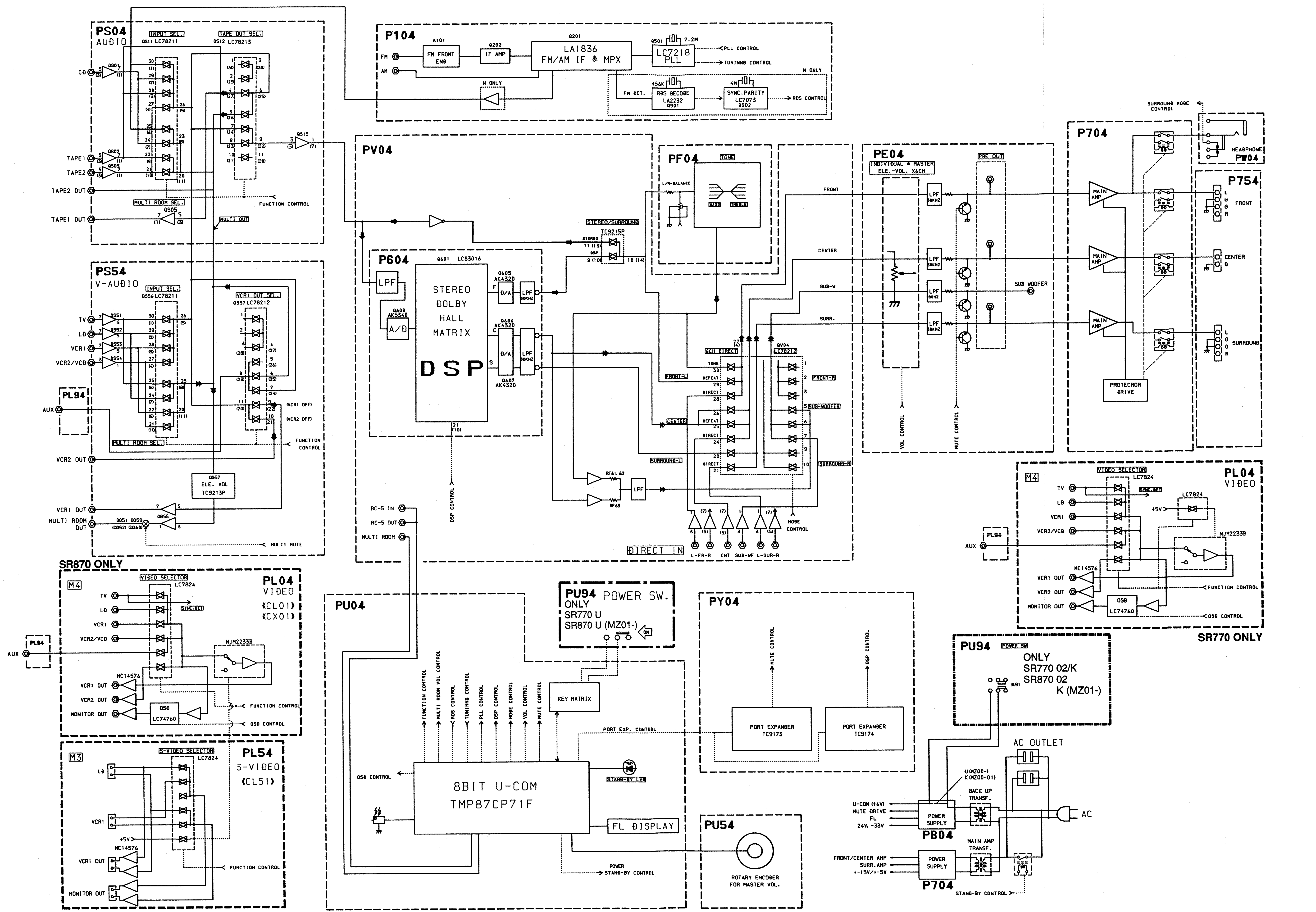
Specifications subject to change without prior notice.

2. WIRING DIAGRAM


P104
WA261J301
TUNER
J301
JY01
PS04
WA268J201
AUDIO FUNCTION
JS03
JY02
PS54
WA268J202
AUDIO FUNCTION
VIDEO SOURCE
JS54
JY03
PL04
SR770 : WA270J403
SR870 : WA261J403
VIDEO SELECTOR
OSD CONTROL
JL03
JY04
PL54 SR870 ONLY
WA261J303
S-VIDEO SELECTOR
JL54
JY05
PE04
WA268J204
ELECTRIC
VOL
JV56
JV57
JV55
JY06
P604
WG261J100
DSP
J601
J602
J603
PV04
WA268J203
6CH DIRECT
JV04
JV05
JV10
JV07
JY07
JV06
JY08
JV08
PY04
SR770 : WA270J401
SR870 : WA261J401
CONECT PCB
JY10
JY09
JY11
PU04
WA268J505
FRONT DISPLAY
JU01
JU02
JU04
JU03
PL94
WA268J502
AUX IN
JL92
WL01
PU54
WA268J501
MASTER VOL
JU51
SR770 U ONLY
SR870 U(MZ01-) ONLY
PU94
WA268J506
POWER SW
JB91
PB04
U-WA261J304
K/02-WA260J304
POWER SUPPLY
JB04
JB09
JB10
JB06
SR770 K/02 ONLY
SR870 /02 ONLY
SR870 K(MZ01-) ONLY
PP94
PP91
JP91
VOL.SEL.
K ONLY
WA261J408
HEAD PHONE
WA268J504
JW02
PW04
PF04
JF01
TONE
CONTROL
WA268J503
PP04
WA261J302
SURROUND
POWER AMP
JP01
WP02
P704
WA261J100
FRONT L/R CENTER
(3CH) POWER AMP
J802
J706
J701
J702
J703
P754
WA261J4020
SPEAKER TERMINAL

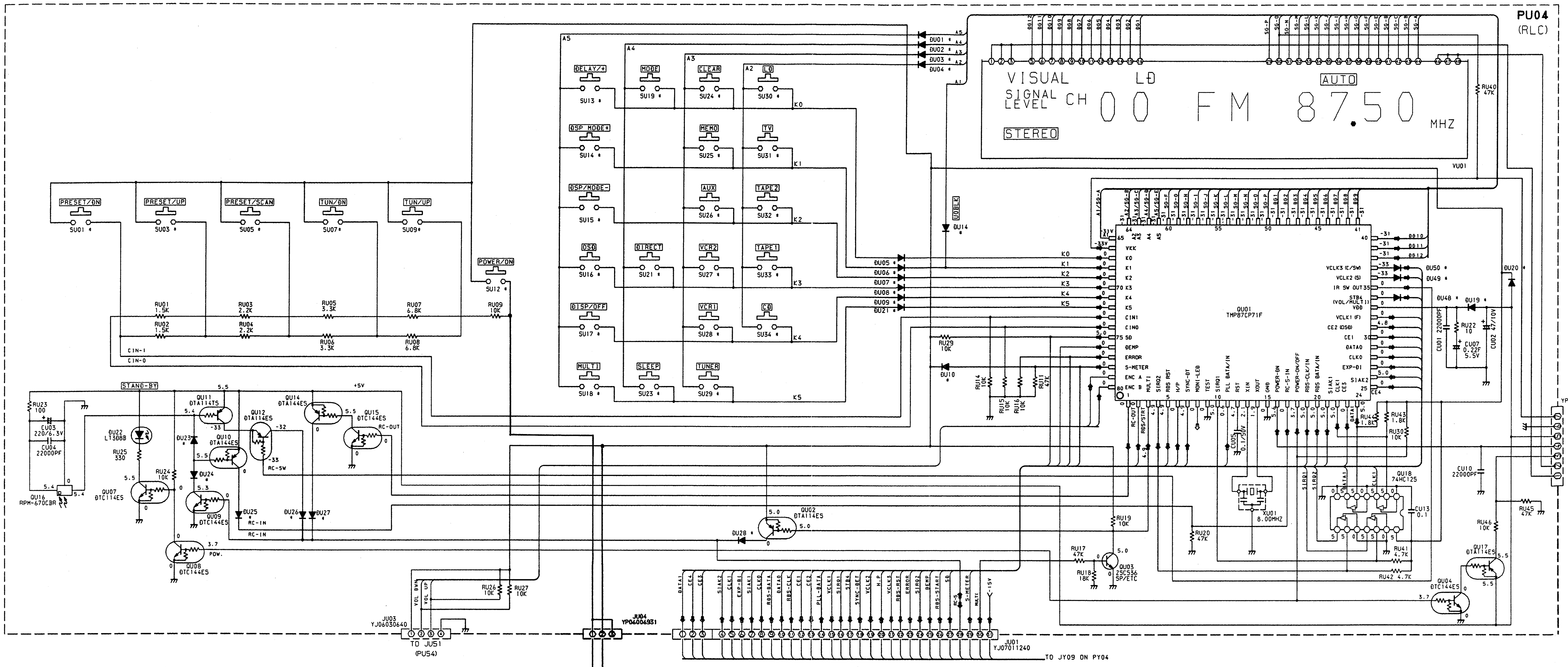
PU94 (WA268J5060)
NOBLK
KOBLK (MZ01)
UOBLK (MZ01) ONLY USE

3. BLOCK DIAGRAM

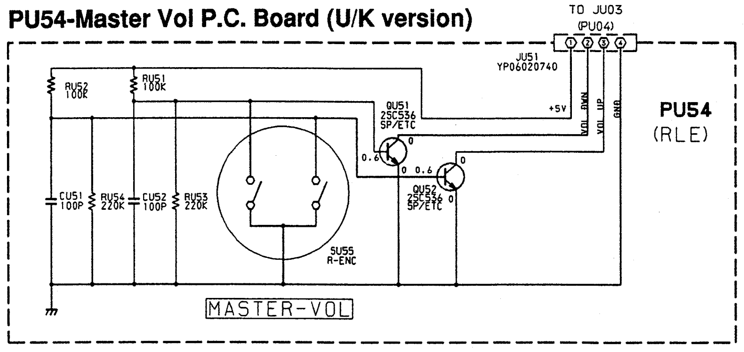

PS04
AUDIO
INPUT SEL.
Q511 LC78211
TAPE OUT SEL.
Q512 LC78213
CD
Q501
TAPE1
TAPE2
Q502
Q503
Q513
TAPE2 OUT
TAPE1 OUT
MULTI ROOM SEL.
Q505
MULTI OUT
FUNCTION CONTROL
P104
FM
AM
A101
FM FRONT END
Q202
IF AMP
Q201
LA1836
FM/AM IF & MPX
Q501
7.2M
LC7218
PLL
PLL CONTROL
TUNINNG CONTROL
N ONLY
N ONLY
FM DET.
456K
RDS DECODE
LA2232
Q901
4M
SYNC.PARITY
LC7073
Q902
RDS CONTROL
SURROUND MODE CONTROL
PV04
PF04
TONE
L/R-BALANCE
BASS
TREBLE
FRONT
CENTER
SUB-W
SURR.
STEREO/SURROUND
TC9215P
STEREO
DSP
P604
Q601 LC83016
LPF
Q608
AK5340
A/D
STEREO
DOLBY
HALL
MATRIX
DSP
Q605
AK4320
D/A
LPF
80KHZ
Q604
AK4320
Q607
AK4320
DSP CONTROL
6CH DIRECT
QV04
LC78212
TONE
DEFEAT
DIRECT
FRONT-L
FRONT-R
CENTER
SUB-WOOFER
SURROUND-L
SURROUND-R
RF61.62
RF63
LPF
MODE CONTROL
DIRECT IN
L-FR-R
CNT
SUB-WF
L-SUR-R
RC-5 IN
RC-5 OUT
MULTI ROOM
PE04
INDIVIDUAL & MASTER
ELE.-VOL. X6CH
PRE OUT
LPF
80KHZ
SUB WOOFER
VOL CONTROL
MUTE CONTROL
P704
MAIN AMP
PROTECROR DRIVE
HEADPHONE
PW04
P754
FRONT
CENTER
SURROUND
L
R
PS54
V-AUDIO
INPUT SEL.
Q556 LC78211
VCR1 OUT SEL.
Q557 LC78212
TV
LD
VCR1
VCR2/VCD
Q551
Q552
Q553
Q554
PL94
AUX
MULTI ROOM SEL.
VCR1 OFF
VCR2 OFF
FUNCTION CONTROL
VCR2 OUT
Q957
ELE. VOL
TC9213P
VCR1 OUT
MULTI ROOM OUT
Q555
MULTI MUTE
SR870 ONLY
M4
VIDEO SELECTOR
LC7824
PL04
VIDEO
《CL01》
《CX01》
SYNC.DET
NJM2233B
MC14576
VCR1 OUT
VCR2 OUT
MONITOR OUT
OSD
LC74760
FUNCTION CONTROL
OSD CONTROL
PL94
AUX
M3
S-VIDEO SELECTOR
LC7824
PL54
S-VIDEO
《CL51》
LD
VCR1
+5V
MC14576
VCR1 OUT
MONITOR OUT
FUNCTION CONTROL
SR870 ONLY
PU04
FUNCTION CONTROL
MULTI ROOM VOL CONTROL
RDS CONTROL
TUNING CONTROL
PLL CONTROL
DSP CONTROL
MODE CONTROL
VOL CONTROL
MUTE CONTROL
KEY MATRIX
PU94 POWER SW.
ONLY
SR770 U
SR870 U (MZ01-)
ON
PORT EXP. CONTROL
OSD CONTROL
8BIT U-COM
TMP87CP71F
STAND-BY LED
FL DISPLAY
POWER STAND-BY CONTROL
PY04
MUTE CONTROL
DSP CONTROL
PORT EXPANDER
TC9173
PORT EXPANDER
TC9174
PU54
ROTARY ENCODER FOR MASTER VOL.
M4
VIDEO SELECTOR
LC7824
PL04
VIDEO
TV
LD
VCR1
VCR2/VCD
SYNC.DET
LC7824
+5V
NJM2233B
PL94
AUX
MC14576
VCR1 OUT
VCR2 OUT
MONITOR OUT
OSD
LC74760
FUNCTION CONTROL
OSD CONTROL
SR770 ONLY
PU94
POWER SW
ONLY
SR770 02/K
SR870 02
K (MZ01-)
SU91
AC OUTLET
U(MZ00-)
K(MZ00-01)
BACK UP TRANSF.
U-COM (+6V)
MUTE DRIVE
FL
24V, -33V
POWER SUPPLY
PB04
AC
MAIN AMP TRANSF.
FRONT/CENTER AMP
SURR. AMP
+-15V/+-5V
POWER SUPPLY
P704
STAND-BY CONTROL

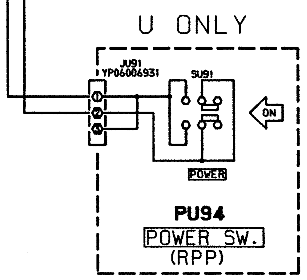
4. SCHEMATIC DIAGRAM AND PARTS LOCATION (Pattern Side)

PU04-Front P.C. Board (U/K version)


PU04
(RLC)
VISUAL
LD
AUTO
SIGNAL LEVEL CH
00 FM 87.50 MHZ
STEREO
VU01
DELAY/+
MODE
CLEAR
LD
DSP MODE+
MEMO
TV
DSP/MODE-
AUX
TAPE2
OSD
DIRECT
VCR2
TAPE1
DISP/OFF
VCR1
CD
MULTI
SLEEP
TUNER
PRESET/DN
PRESET/UP
PRESET/SCAN
TUN/DN
TUN/UP
POWER/ON
STAND-BY
QU01
TMP87CP71F
XU01
8.00MHZ
QU18
74HC125
JU02
YP06007170
VKK
GND
+5VL
P-DOWN
POWER
F
F
TO JB04 (PB04)
JU03
YJ06030640
TO JU51
(PU54)
JU04
YP04004931
JU01
YJ07011240
TO JY09 ON PY04

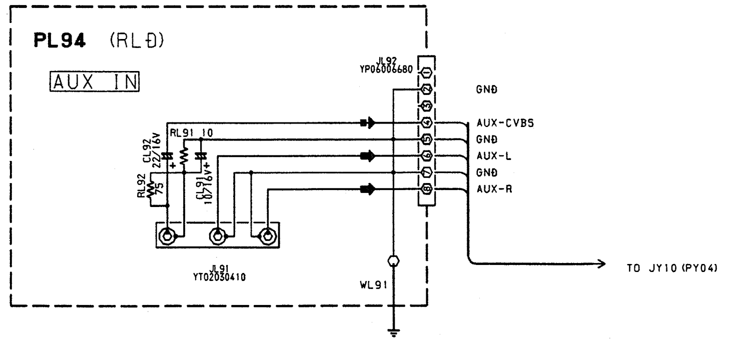
PU54-Master Vol P.C. Board (U/K version)


TO JU03
(PU04)
JU51
YP06020740
PU54
(RLE)
QU51
2SC536
SP/ETC
QU52
2SC536
SP/ETC
SU55
R-ENC
MASTER-VOL

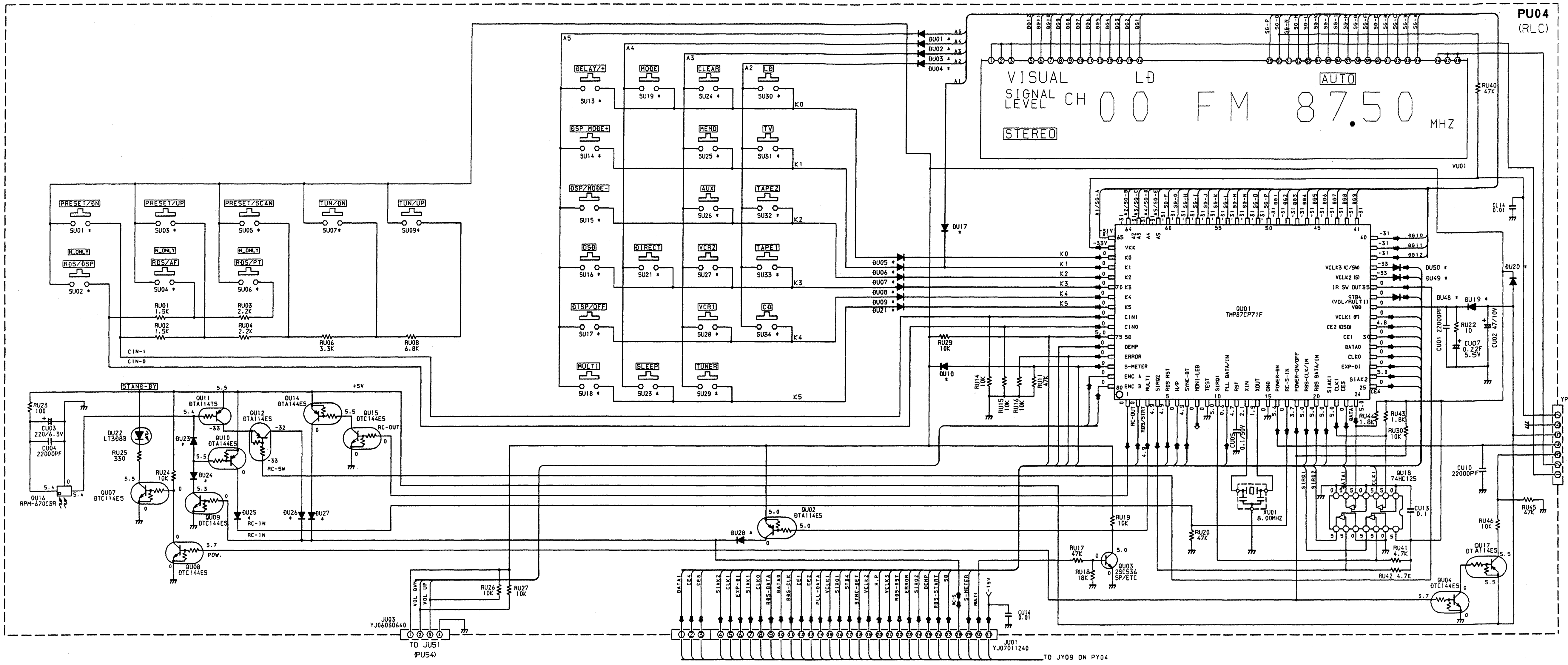

U ONLY
JU91
YP04004931
SU91
ON
POWER
PU94
POWER SW.
(RPP)

SR770 U
SR870 U (MZ01-)

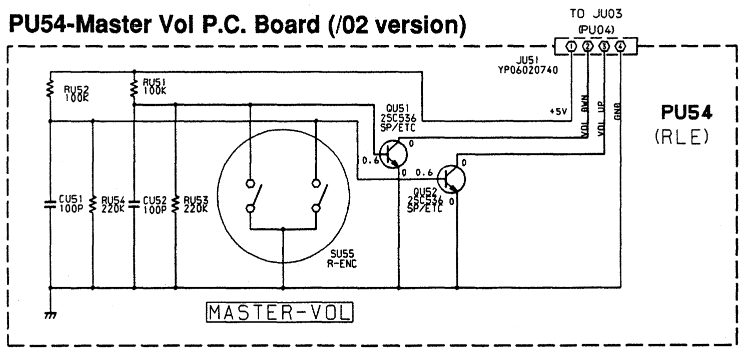
PL94-Aux In P.C. Board (U/K version)


PL94 (RLD)
AUX IN
JL92
YP06006680
GND
AUX-CVBS
GND
AUX-L
GND
AUX-R
RL91 10
JL91
YT02030410
WL91
TO JY10 (PY04)

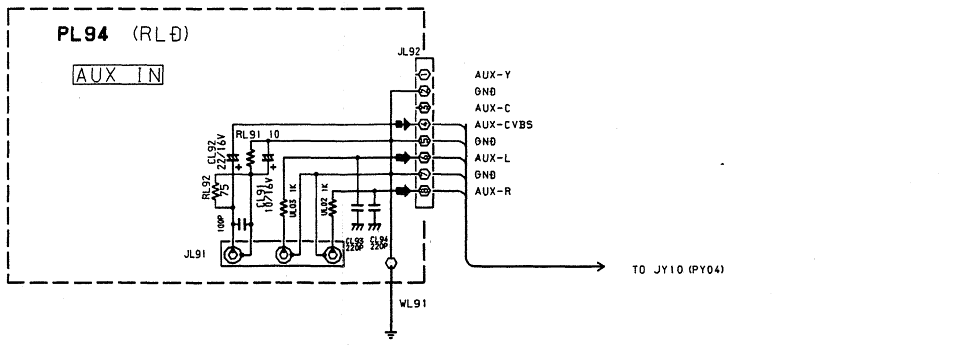
PU04-Front P.C. Board (/02 version)


PU04
(RLC)
VISUAL
SIGNAL LEVEL CH
00 FM 87.50 MHZ
LD
AUTO
STEREO
VU01
QU01
TMP87CP71F
PRESET/DN
PRESET/UP
PRESET/SCAN
TUN/DN
TUN/UP
N_ONLY
RDS/DSP
RDS/AF
RDS/PT
DELAY/+
MODE
CLEAR
LD
DSP MODE+
MEMO
TV
DSP/MODE-
AUX
TAPE2
OSD
DIRECT
VCR2
TAPE1
DISP/OFF
VCR1
CD
MULTI
SLEEP
TUNER
STAND-BY
K0
K1
K2
K3
K4
K5
A1
A2
A3
A4
A5
CIN-1
CIN-0
QU11 DTA114TS
QU12 DTA114ES
QU14 DTA144ES
QU15 DTC144ES
QU10 DTA144ES
QU07 DTC114ES
QU09 DTC144ES
QU08 DTC144ES
QU16 RPM-670CBR
QU02 DTA114ES
QU03 2SC536 SP/ETC
QU04 DTC144ES
QU17 DTA114ES
QU18 74HC125
XU01 8.00MHZ
DU22 LT308B
RC-OUT
RC-SW
RC-IN
POW.
JU02 YP06007170
VKK
GND
+5VL
P-DOWN
POWER
F
F
TO JB04 (PB04)
JU03 YJ06030640
TO JU51 (PU54)
VOL DWN
VOL UP
JU01 YJ07011240
TO JY09 ON PY04

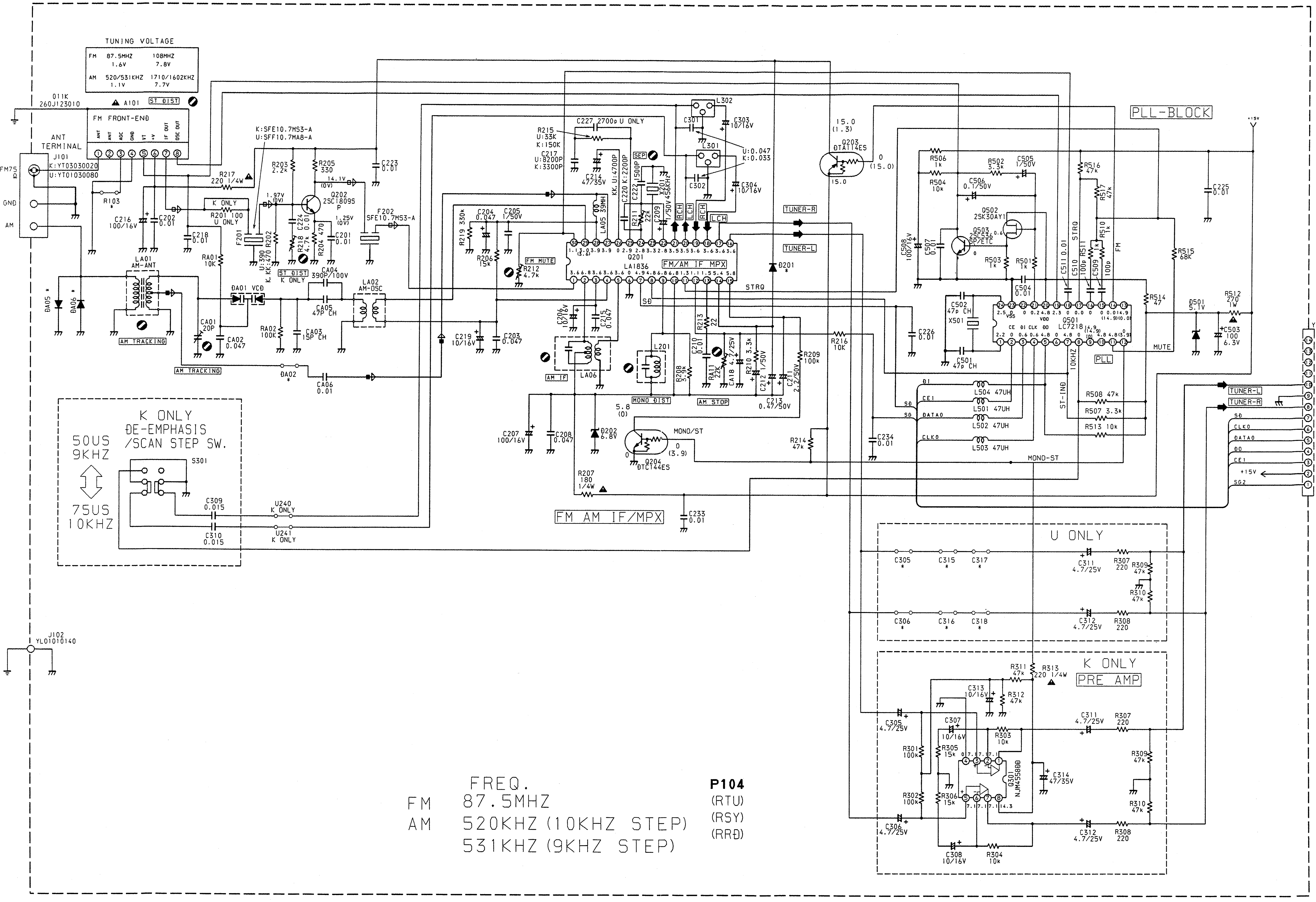
PU54-Master Vol P.C. Board (/02 version)


TO JU03 (PU04)
JU51 YP06020740
PU54
(RLE)
RU52 100K
RU51 100K
QU51 2SC536 SP/ETC
QU52 2SC536 SP/ETC
CU51 100P
RU54 220K
CU52 100P
RU53 220K
SU55 R-ENC
+5V
VOL DWN
VOL UP
GND
MASTER-VOL

PL94-Aux In P.C. Board (/02 version)

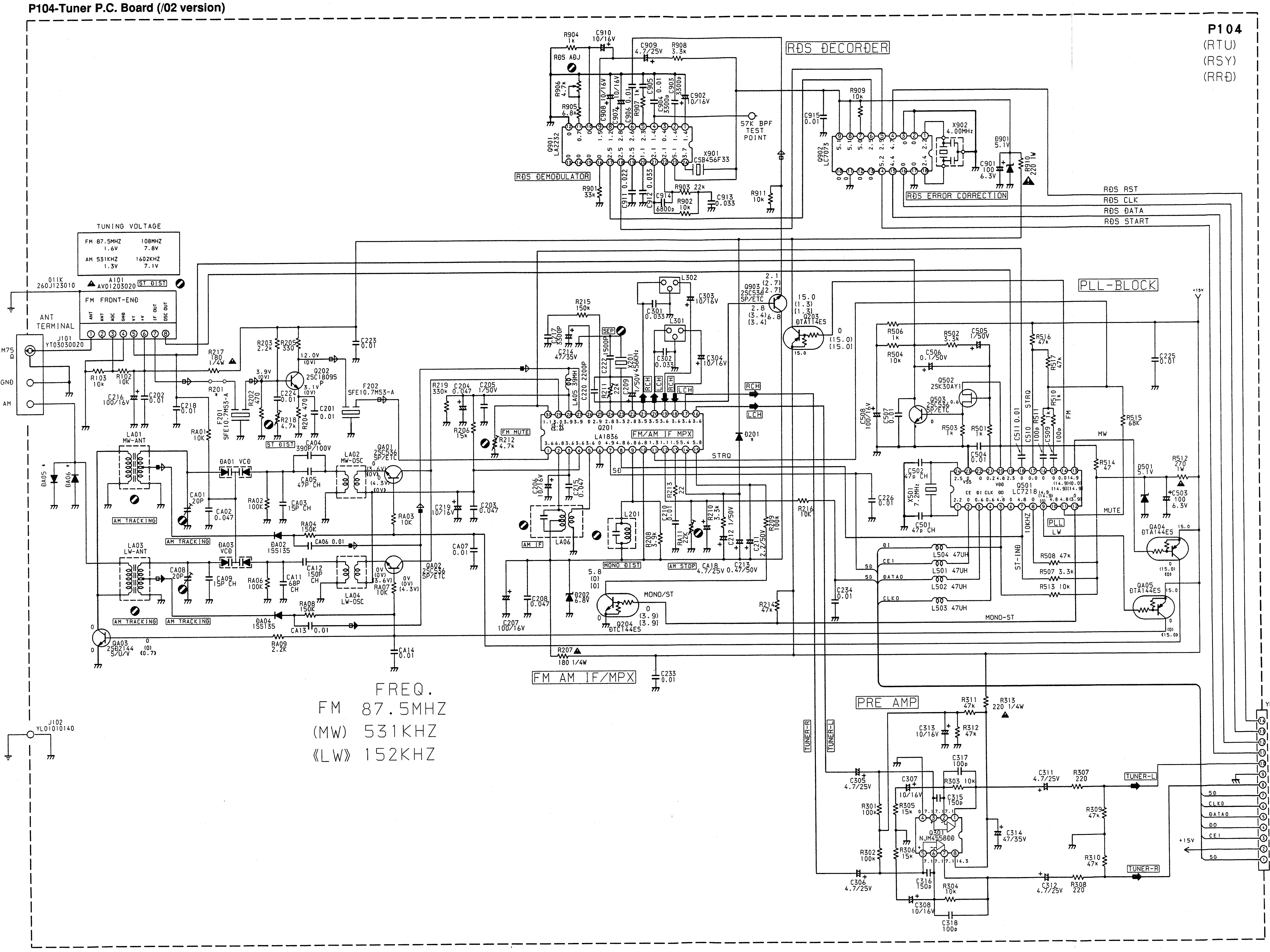

PL94 (RLD)
AUX IN
JL92
AUX-Y
GND
AUX-C
AUX-CVBS
GND
AUX-L
GND
AUX-R
RL91 10
JL91
WL91
TO JY10 (PY04)

P104-Tuner P.C. Board (U/K version)

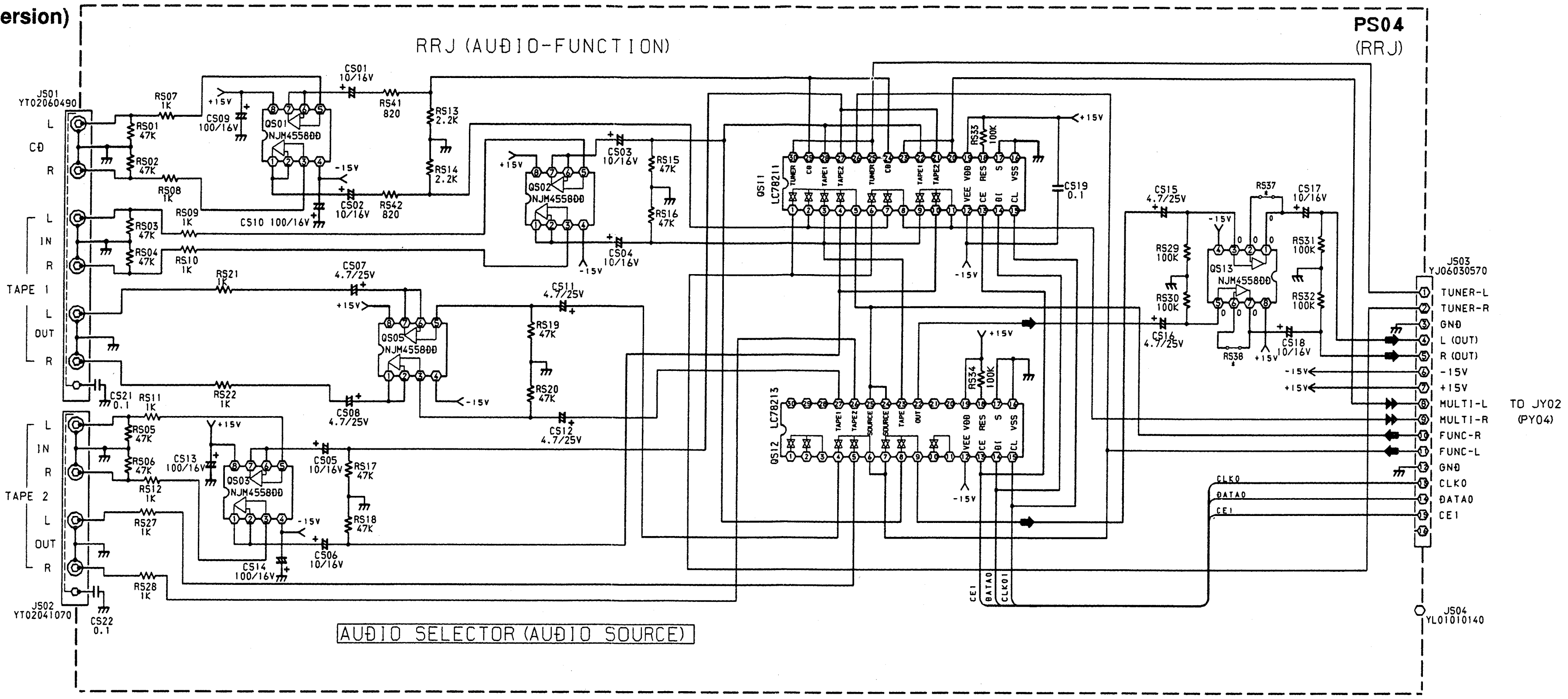

TUNING VOLTAGE
FM 87.5MHZ 108MHZ
1.6V 7.8V
AM 520/531KHZ 1710/1602KHZ
1.1V 7.7V
011K
260J123010
A101
ST 015T
FM FRONT-END
ANT
TERMINAL
J101
K:YT03030020
U:YT01030080
FM75 Ω
GND
AM
R103
C216 100/16V
C202 0.01
C218 0.01
R217 220 1/4W
K ONLY
R201 100
U ONLY
K:SFE10.7MS3-A
U:SFF10.7MA8-A
R203 2.2K
R205 330
Q202 2SC1809S P
14.1V (0V)
1.97V (0V)
1.25V (0V)
C224 0.01
R218 4.7K
R204 470
C201 0.01
F201
F202 SFE10.7MS3-A
C223 0.01
U:390 K:470 R202
ST 015T K ONLY
CA04 390P/100V
LA01 AM-ANT
RA01 10K
DA01 VCO
CA05 47P CH
LA02 AM-OSC
CA01 20P
CA02 0.047
RA02 100K
CA03 15P CH
AM TRACKING
DA02
CA06 0.01
DA05
DA06
C219 10/16V
C203 0.047
K ONLY
DE-EMPHASIS
/SCAN STEP SW.
50US
9KHZ
75US
10KHZ
S301
C309 0.015
C310 0.015
U240 K ONLY
U241 K ONLY
J102
YL01010140
R215 U:33K K:150K
C217 U:8200P K:3300P
C227 2700P U ONLY
C214 47/35V
LA05 39MH
C220 U:4700P KK:2200P
C222 1500P
SEP
R211 22K
C209 1/50V
CF201 456KHZ
RCH LCH RCH LCH
R219 330K
C204 0.047
C205 1/50V
R206 15K
FM MUTE
R212 4.7K
Q201
LA1836
FM/AM IF MPX
C206 10/16V
C215 0.047
LA06
AM IF
MONO DIST
L201
R208 3.9K
R213 22
C210 0.01
RA11 22K
CA18 4.7/25V
R210 3.3K
C212 1/50V
C211 2.2/50V
AM STOP
C213 0.47/50V
R209 100K
SD
STRQ
L302
C301
C303 10/16V
L301
U:0.047 K:0.033
C302
C304 10/16V
TUNER-R
TUNER-L
D201
C207 100/16V
C208 0.047
D202 6.8V
5.8 (0)
Q204 DTC144ES
MONO/ST
0 (3.9)
R207 180 1/4W
FM AM IF/MPX
C233 0.01
R214 47K
R216 10K
15.0 (1.3)
Q203 DTA114ES
0 (15.0)
15.0
PLL-BLOCK
R506 1K
R504 10K
R502 3.3K
C505 1/50V
C506 0.1/50V
Q502 2SK30AY1
Q503 2SC536 SP/ETC
R503 1K
R501 1K
C504 0.01
C508 100/16V
C507 0.01
R516 47K
R517 47K
R510 1K
R511 100P
C511 0.01
C510 100P
C509 100P
STRQ
FM
C225 0.01
+15V
R515 68K
R514 47
D501 5.1V
R512 270 1W
C503 100 6.3V
C502 47P CH
X501
C501 47P CH
Q501
LC7218
PLL
10KHZ
ST-IND
MUTE
C226 0.01
C234 0.01
L504 47UH
L501 47UH
L502 47UH
L503 47UH
R508 47K
R507 3.3K
R513 10K
DI CE1 DATAO CLKO
SD SG
MONO-ST
J301
YP06020640
⑭ RESET
⑬ CLOCK
⑫ DATA
⑪ START
RDS
⑩ TUNER-L
⑨ GND
⑧ TUNER-R
⑦ SD
⑥ CLKO
⑤ DATAO
④ DI
③ CE1
② +15V
① S-METER
TO JY01 (PY04)
U ONLY
C305 C315 C317
C311 4.7/25V
R307 220
R309 47K
R310 47K
C306 C316 C318
C312 4.7/25V
R308 220
K ONLY
PRE AMP
R311 47K
R313 220 1/4W
C313 10/16V
R312 47K
C305 4.7/25V
C307 10/16V
R303 10K
R301 100K
R305 15K
Q301 NJM4558D
C314 47/35V
R302 100K
R306 15K
C306 4.7/25V
C308 10/16V
R304 10K
C311 4.7/25V
R307 220
R309 47K
R310 47K
C312 4.7/25V
R308 220
FREQ.
FM 87.5MHZ
AM 520KHZ (10KHZ STEP)
531KHZ (9KHZ STEP)
P104
(RTU)
(RSY)
(RRD)

TUNER

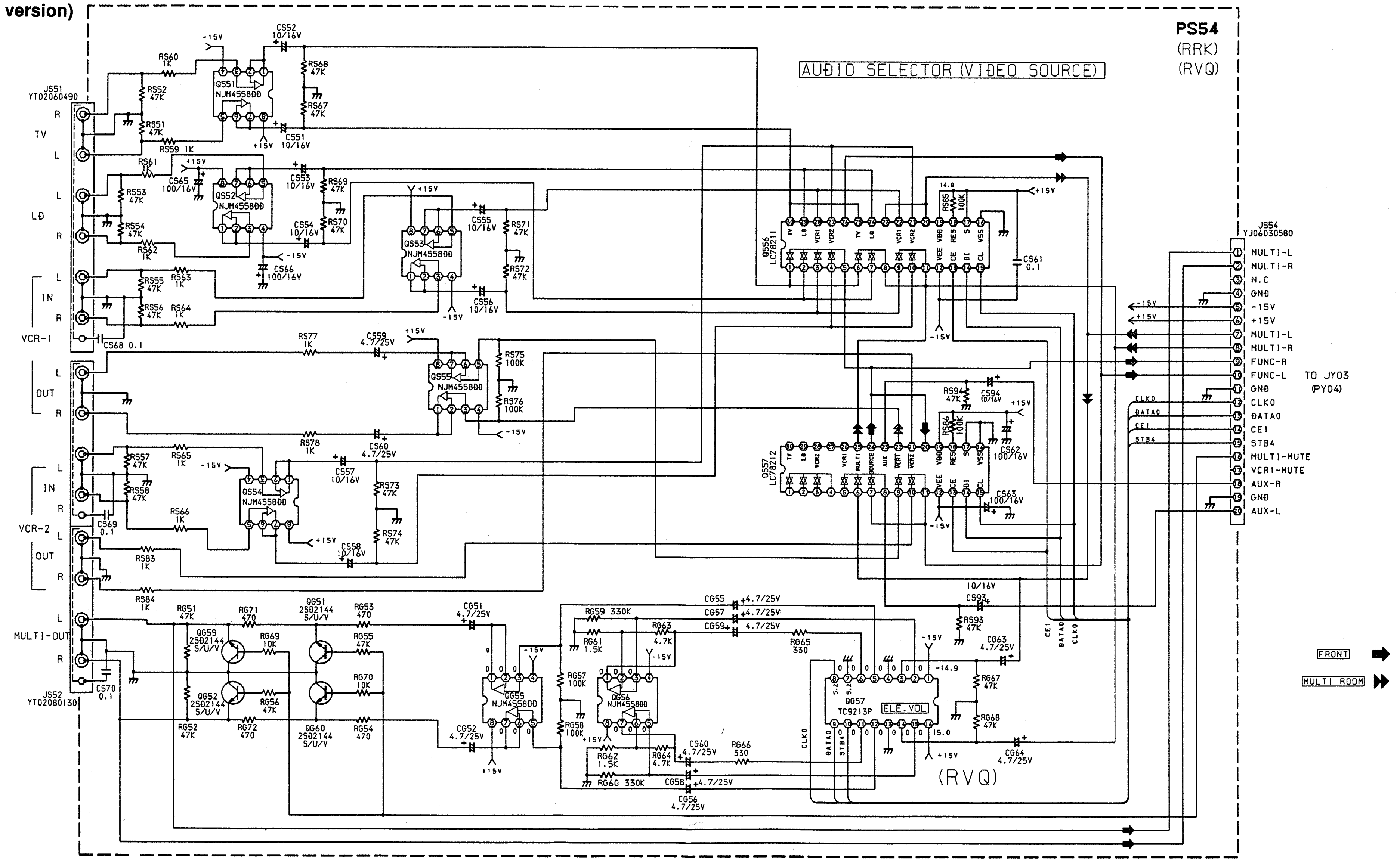
P104-Tuner P.C. Board (/02 version)


P104
(RTU)
(RSY)
(RRD)
RDS DECORDER
RDS DEMODULATOR
RDS ERROR CORRECTION
Q901 LA2232
Q902 LC7073
X901 CSB456F33
X902 4.00MHz
57K BPF TEST POINT
RDS ADJ
RDS RST
RDS CLK
RDS DATA
RDS START
TUNING VOLTAGE
FM 87.5MHZ 1.6V
108MHZ 7.8V
AM 531KHZ 1.3V
1602KHZ 7.1V
A101 AV01203020
011K 260J123010
ST DIST
FM FRONT-END
ANT TERMINAL
J101 YT03030020
FM75 Ω
GND
AM
LA01 MW-ANT
LA03 LW-ANT
LA02 MW-OSC
LA04 LW-OSC
AM TRACKING
F201 SFE10.7MS3-A
F202 SFE10.7MS3-A
Q202 2SC1809S
QA01 2SC536 SP/ETC
QA02 2SC536 SP/ETC
QA03 2SD2144 S/U/V
DA01 VCD
DA03 VCD
DA02 1SS135
DA04 1SS135
Q201 LA1836
FM/AM IF MPX
FM MUTE
AM IF
MONO DIST
AM STOP
SEP
X201 456KHz
L301
L302
L201
LA05 39MH
LA06
RCH
LCH
STRO
SD
Q903 2SC536 SP/ETC
Q203 DTA114ES
Q204 DTC144ES
MONO/ST
D201
D202 6.8V
FM AM IF/MPX
PLL-BLOCK
Q501 LC7218
X501 7.2MHz
Q502 2SK30AY1
Q503 2SC536 SP/ETC
QA04 DTA144ES
QA05 DTA144ES
D501 5.1V
PLL
MW
LW
FM
MUTE
ST-IND
10KHZ
MONO-ST
L504 47UH
L501 47UH
L502 47UH
L503 47UH
DO
CE
DATAO
CLKO
SG
PRE AMP
Q301 NJM4558DD
TUNER-R
TUNER-L
J301 YP06020640
RESET
CLOCK
DATA
START
RDS
TUNER-L
GND
TUNER-R
SD
CLKO
DATAO
DO
CE1
+15V
S-METER
TO JY01 (PY04)
J102 YL01010140
FREQ.
FM 87.5MHZ
(MW) 531KHZ
《LW》 152KHZ

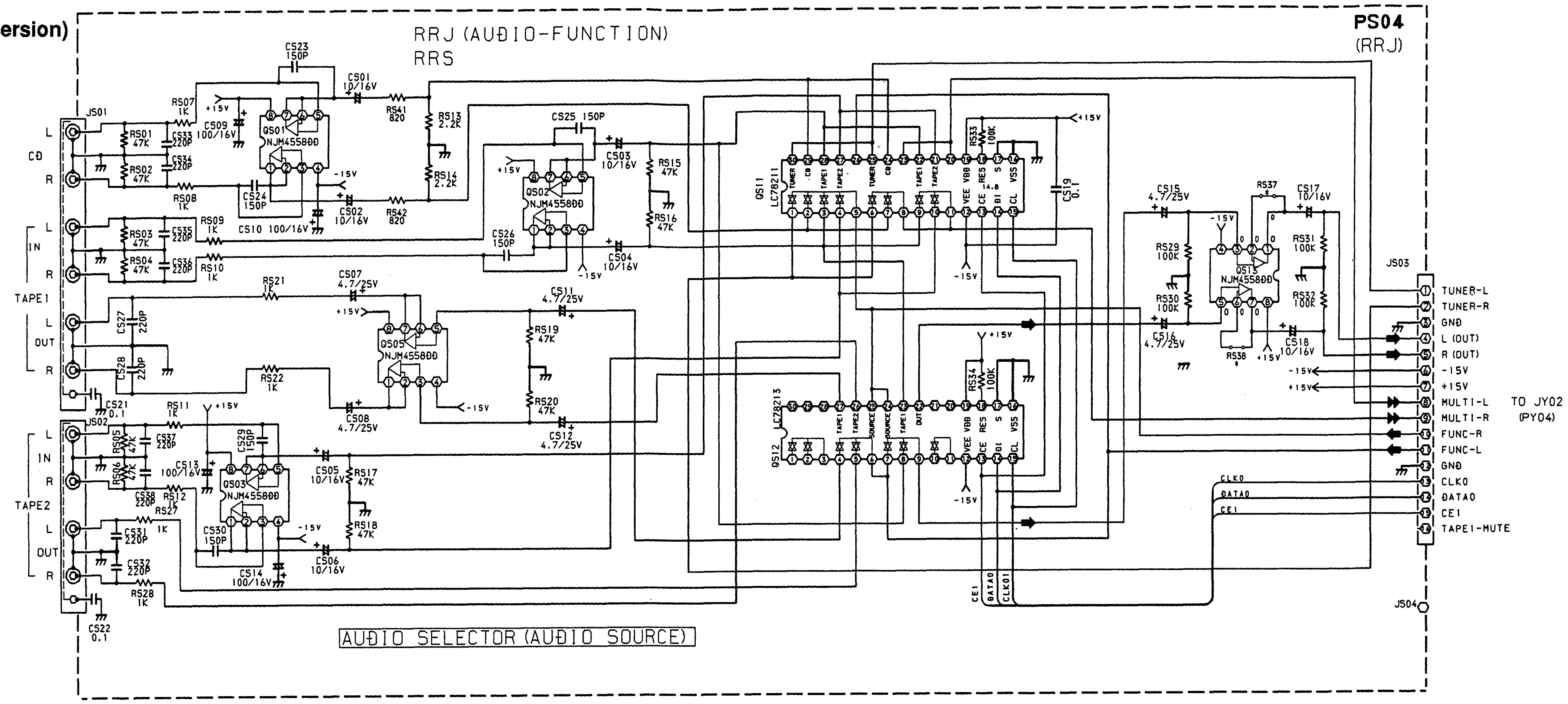
PS04-Audio Function P.C. Board (U/K version)


PS04
(RRJ)
RRJ (AUDIO-FUNCTION)
JS01 YT02060490
CD
L
R
TAPE 1
IN
OUT
TAPE 2
JS02 YT02041070
QS01 NJM4558DD
QS02 NJM4558DD
QS03 NJM4558DD
QS05 NJM4558DD
QS11 LC78211
QS12 LC78213
QS13 NJM4558DD
+15V
-15V
JS03 YJ06030570
TUNER-L
TUNER-R
GND
L (OUT)
R (OUT)
-15V
+15V
MULTI-L
MULTI-R
FUNC-R
FUNC-L
GND
CLKO
DATAO
CE1
TO JY02 (PY04)
JS04 YL01010140
AUDIO SELECTOR (AUDIO SOURCE)

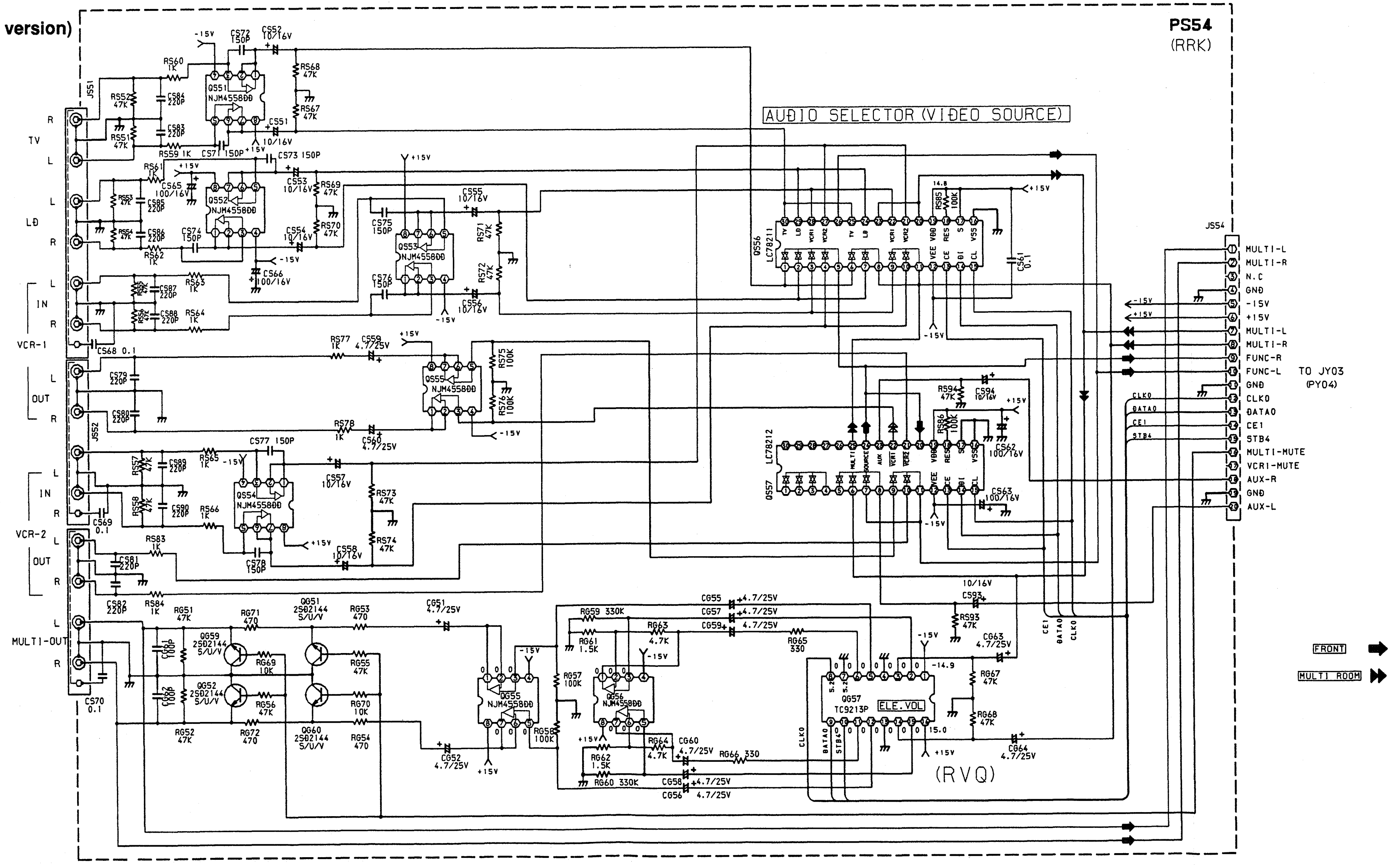
PS54-V-Audio Function P.C. Board (U/K version)


PS54
(RRK)
(RVQ)
AUDIO SELECTOR (VIDEO SOURCE)
JS51 YT02060490
TV
LD
VCR-1
VCR-2
MULTI-OUT
IN
OUT
L
R
JS52 YT02080130
QS51 NJM4558DD
QS52 NJM4558DD
QS53 NJM4558DD
QS54 NJM4558DD
QS55 NJM4558DD
QS56 LC78211
QS57 LC78212
QG51 2SD2144 S/U/V
QG52 2SD2144 S/U/V
QG59 2SD2144 S/U/V
QG60 2SD2144 S/U/V
QG55 NJM4558DD
QG56 NJM4558DD
QG57 TC9213P
ELE. VOL
(RVQ)
JS54 YJ06030580
MULTI-L
MULTI-R
N.C
GND
-15V
+15V
MULTI-L
MULTI-R
FUNC-R
FUNC-L
GND
CLKO
DATAO
CE1
STB4
MULTI-MUTE
VCR1-MUTE
AUX-R
GND
AUX-L
TO JY03 (PY04)
FRONT
MULTI ROOM

PS04-Audio Function P.C. Board (/02 version)


RRJ (AUDIO-FUNCTION)
RRS
PS04
(RRJ)
CD
TAPE1
TAPE2
IN
OUT
L
R
J501
J502
J503
J504
Q501 NJM4558DD
Q502 NJM4558DD
Q503 NJM4558DD
Q505 NJM4558DD
Q513 NJM4558DD
Q511 LC78211
Q512 LC78213
TUNER-L
TUNER-R
GND
L (OUT)
R (OUT)
-15V
+15V
MULTI-L
MULTI-R
FUNC-R
FUNC-L
CLKO
DATAO
CE1
TAPE1-MUTE
TO JY02
(PY04)
AUDIO SELECTOR (AUDIO SOURCE)

PS54-V-Audio Function P.C. Board (/02 version)

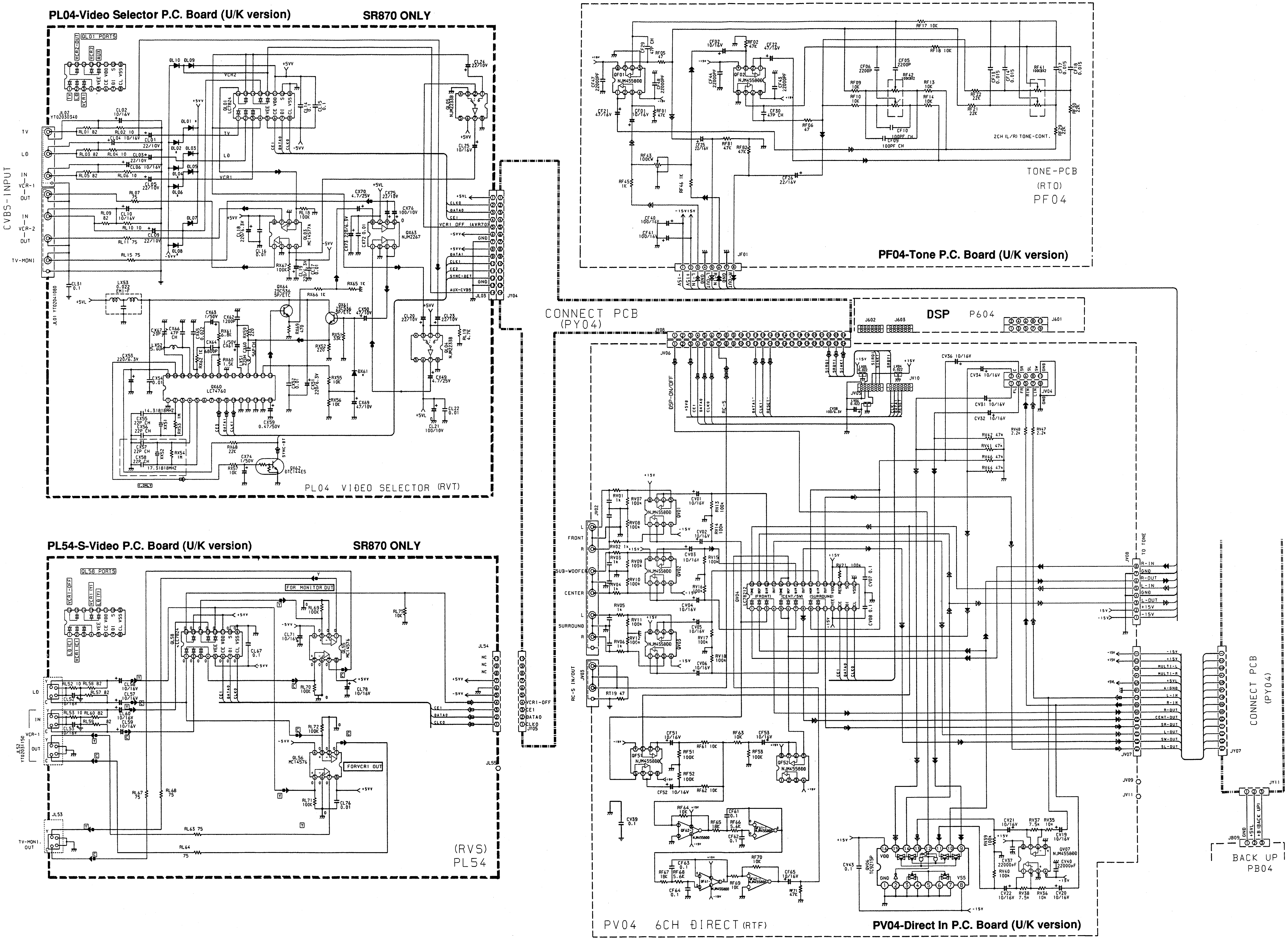

PS54
(RRK)
AUDIO SELECTOR (VIDEO SOURCE)
TV
LD
VCR-1
VCR-2
MULTI-OUT
IN
OUT
L
R
J551
J552
J554
Q551 NJM4558DD
Q552 NJM4558DD
Q553 NJM4558DD
Q554 NJM4558DD
Q555 NJM4558DD
Q556 LC78211
Q557 LC78212
QG51 2SD2144 S/U/V
QG52 2SD2144 S/U/V
QG59 2SD2144 S/U/V
QG60 2SD2144 S/U/V
QG55 NJM4558DD
QG56 NJM4558DD
QG57 TC9213P
ELE.VOL
(RVQ)
MULTI-L
MULTI-R
N.C
GND
-15V
+15V
FUNC-R
FUNC-L
CLKO
DATAO
CE1
STB4
MULTI-MUTE
VCR1-MUTE
AUX-R
AUX-L
TO JY03
(PY04)
FRONT
MULTI ROOM

PL04-Video Selector P.C. Board (U/K version) **SR870 ONLY**

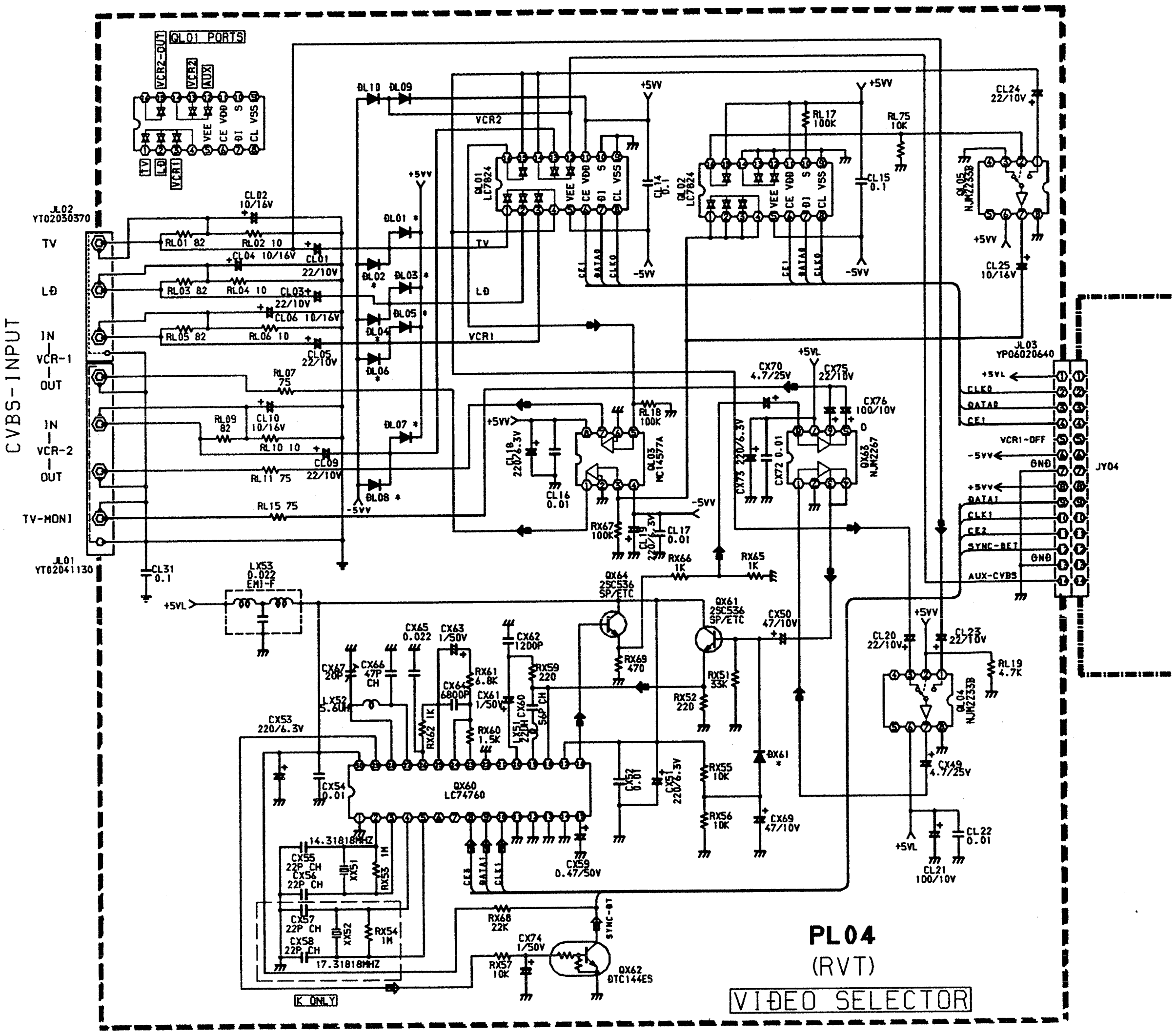
PF04-Tone P.C. Board (U/K version)

PL54-S-Video P.C. Board (U/K version) **SR870 ONLY**

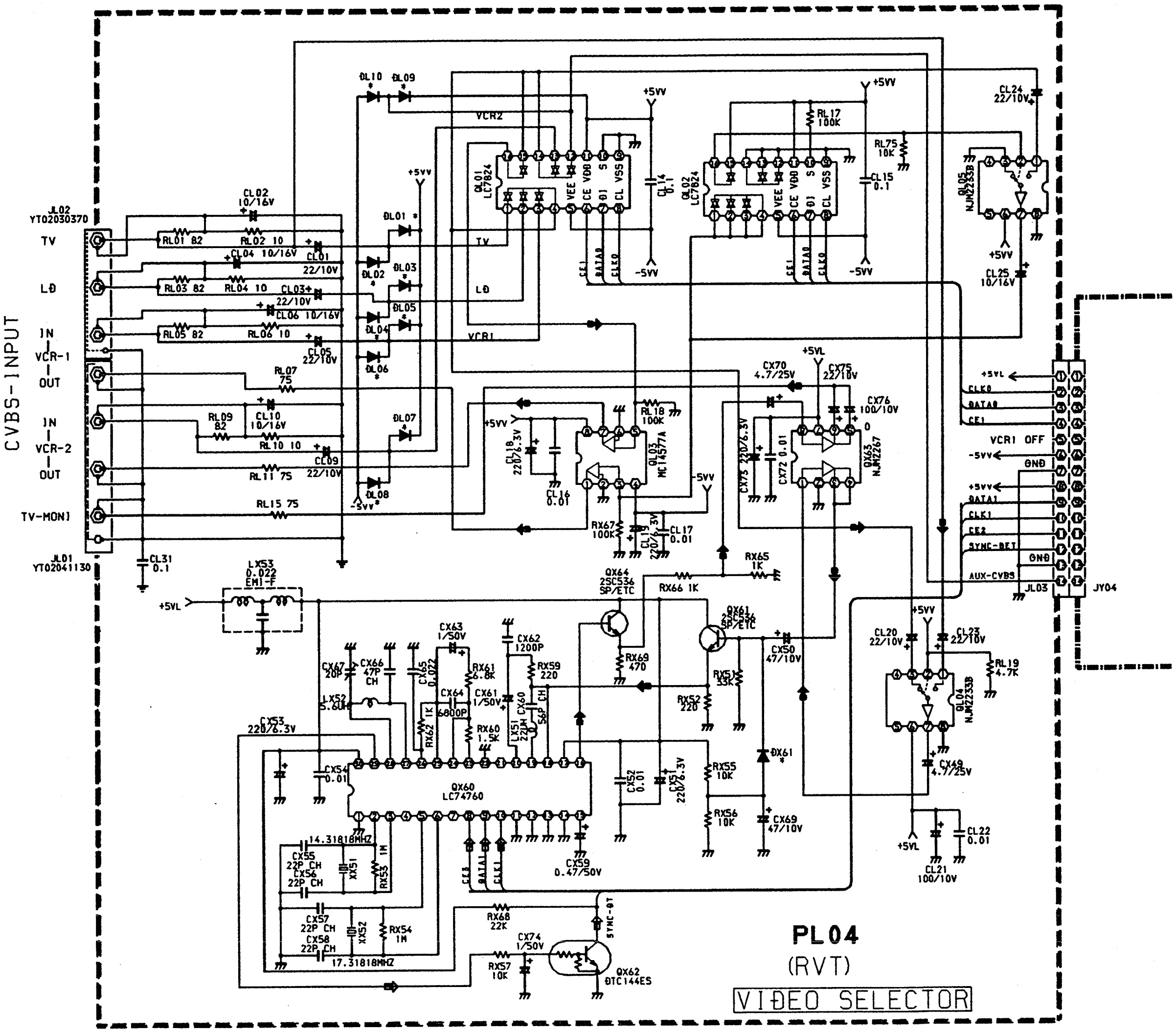
PV04-Direct In P.C. Board (U/K version)

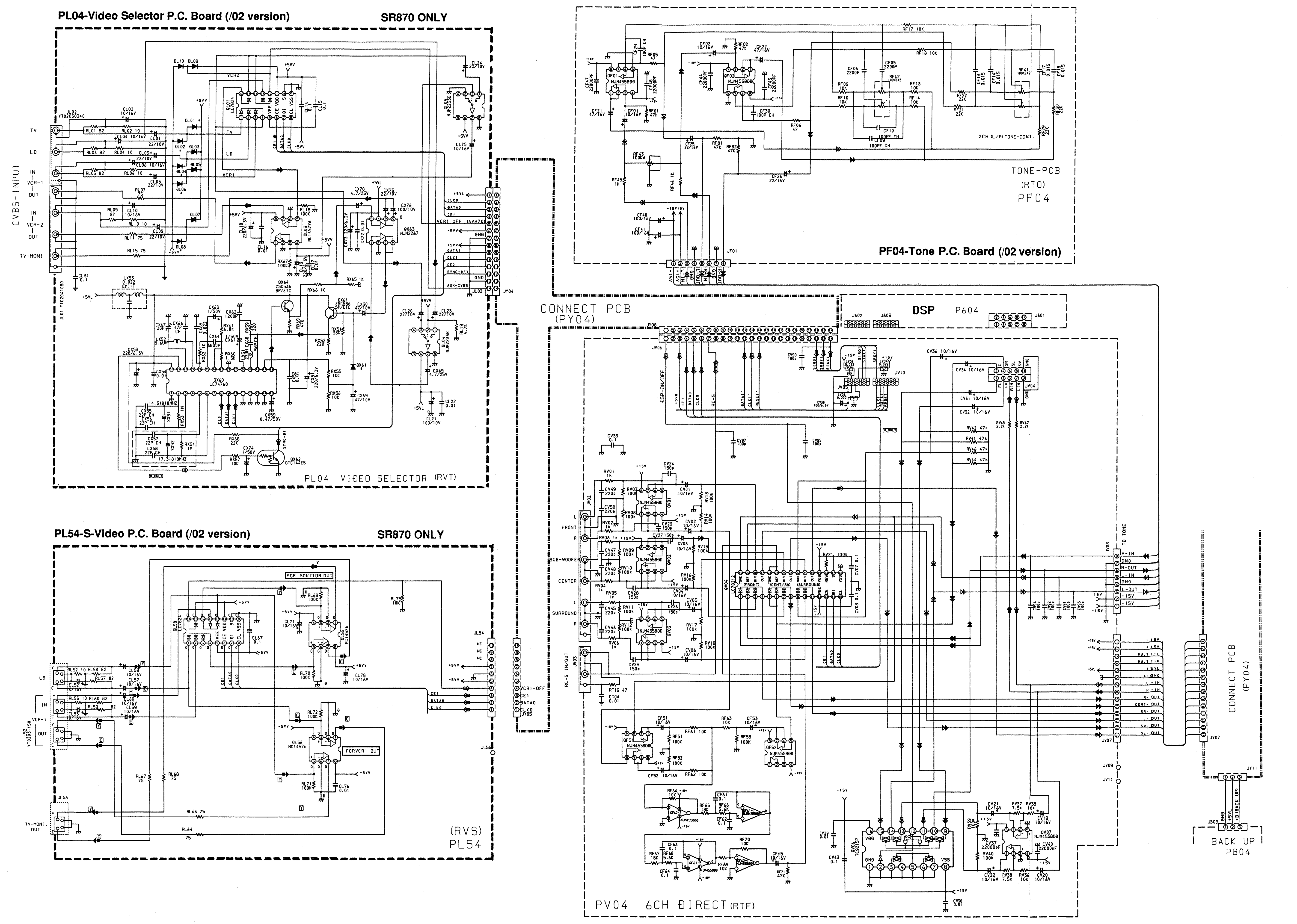

CVBS-INPUT
TV
LD
IN VCR-1 OUT
IN VCR-2 OUT
TV-MONI
QL01 PORTS
QL01 LC7824
QL05 NJM2233B
QX60 LC74760
QX63 NJM2267
QX64 2SC536
QX61 2SC536
QX62 DTC144ES
QL04 NJM2233B
14.31818MHZ
17.734475MHZ
PL04 VIDEO SELECTOR (RVT)
JL05
JY04
VCR1 OFF (AVR70)
CONNECT PCB (PY04)
TONE-PCB (RTO) PF04
QF01 NJM4558DD
QF02 NJM4558DD
2CH (L/R) TONE-CONT.
JF01
DSP P604
J602
J603
J601
JY06
JY08
DSP-ON/OFF
RC-5
FRONT
SUB-WOOFER
CENTER
SURROUND
RC-5 IN/OUT
QV01 NJM4558DD
QV02 NJM4558DD
QV03 NJM4558DD
QV04
QV06 TC9274P
QV07 NJM4558DD
TO TONE
R-IN
GND
R-OUT
L-IN
L-OUT
+15V
-15V
MULTI-L
MULTI-R
+5VL
A-GND
L-IN
R-IN
R-OUT
CENT-OUT
SR-OUT
L-OUT
SW-OUT
SL-OUT
JY07
JY09
JY11
CONNECT PCB (PY04)
BACK UP PB04
JB09
PV04 6CH DIRECT (RTF)
QL58 PORTS
QL58 LC7824
FOR MONITOR OUT
QL55 MC14576
QL56 MC14576
FORVCR1 OUT
JL54
JL52
JL53
JL55
JY05
VCR1-OFF
CE1
DATA0
CLK0
(RVS) PL54

PL04-Video Selector P.C. Board (U/K version) SR770 ONLY


QL01 PORTS
VCR2-OUT
VCR2
AUX
TV
LD
VCR1
CVBS-INPUT
TV
LD
IN
VCR-1
OUT
IN
VCR-2
OUT
TV-MONI
JL02
YT02050370
JL01
YT02041130
RL01 82
RL02 10
CL02 10/16V
CL04 10/16V
CL01 22/10V
RL03 82
RL04 10
CL03 22/10V
CL06 10/16V
RL05 82
RL06 10
CL05 22/10V
RL07 75
RL09 82
CL10 10/16V
RL10 10
CL09 22/10V
RL11 75
RL15 75
CL31 0.1
DL10
DL09
DL01
DL02
DL03
DL04
DL05
DL06
DL07
DL08
+5VV
-5VV
VCR2
QL01 LC7624
QL02 LC7624
VEE CE VDD S
D1 CL VSS
CL14 0.1
CL15 0.1
RL17 100K
RL75 10K
CE1
DATA0
CLK0
CL24 22/10V
QL05 NJM2233B
CL25 10/16V
JL03 YP06020640
+5VL
CLK0
DATA0
CE1
VCR1-OFF
-5VV
GND
+5VV
DATA1
CLK1
CE2
SYNC-DET
GND
AUX-CVBS
JY04
CX70 4.7/25V
CX75 22/10V
CX76 100/10V
CX73 220/6.3V
CX72 0.01
QX63 NJM2267
RL18 100K
QL03 MC14577A
CL18 220/6.3V
CL16 0.01
RX67 100K
CL19 220/6.3V
CL17 0.01
RX66 1K
RX65 1K
QX64 2SC536 SP/ETC
QX61 2SC536 SP/ETC
CX50 47/10V
LX53 0.022 EMI-F
+5VL
RX69 470
RX51 33K
RX52 220
CX65 0.022
CX63 1/50V
CX62 1200P
CX67 20P
CX66 47P CH
RX61 6.8K
RX59 220
CX64 6800P
CX61 1/50V
CX60 56P CH
LX52 5.6UH
RX62 1K
RX60 1.5K
LX51
CX53 220/6.3V
CX54 0.01
QX60 LC74760
CX52 0.01
CX51 220/6.3V
RX55 10K
RX56 10K
DX61
CX69 47/10V
CL20 22/10V
CL23 22/10V
RL19 4.7K
QL04 NJM2233B
CX49 4.7/25V
CL22 0.01
CL21 100/10V
14.31818MHZ
CX55 22P CH
CX56 22P CH
XX51
RX53 1M
CX57 22P CH
CX58 22P CH
XX52
RX54 1M
17.31818MHZ
K ONLY
CE2
DATA1
CLK1
CX59 0.47/50V
RX68 22K
CX74 1/50V
RX57 10K
QX62 DTC144ES
SYNC-DET
PL04
(RVT)
VIDEO SELECTOR

PL04-Video Selector P.C. Board (/02 version) SR770 ONLY


CVBS-INPUT
JL02 YT02030370
TV
LD
IN VCR-1 OUT
IN VCR-2 OUT
TV-MONI
JL01 YT02041130
RL01 82
RL02 10
RL03 82
RL04 10
RL05 82
RL06 10
RL07 75
RL09 82
RL10 10
RL11 75
RL15 75
CL02 10/16V
CL04 10/16V
CL01 22/10V
CL03 22/10V
CL06 10/16V
CL05 22/10V
CL10 10/16V
CL09 22/10V
CL31 0.1
DL01
DL02
DL03
DL04
DL05
DL06
DL07
DL08
DL09
DL10
VCR2
VCR1
QL01 LC7824
QL02 LC7824
VEE CE VDD S
DI CL VSS
CE1 DATA0 CLK0
+5VV
-5VV
CL14 0.1
RL17 100K
RL75 10K
CL15 0.1
CL24 22/10V
QL05 NJM2233B
CL25 10/16V
+5VL
CX70 4.7/25V
CX75 22/10V
CX76 100/10V
RL18 100K
QL03 MC14577A
CL18 220/6.3V
CL16 0.01
RX67 100K
CL19 220/6.3V
CL17 0.01
CX73 220/6.3V
CX72 0.01
QX63 NJM2267
RX65 1K
QX64 2SC536 SP/ETC
RX66 1K
QX61 2SC536 SP/ETC
RX69 470
CX50 47/10V
RX51 33K
RX52 220
DX61
RX55 10K
RX56 10K
CX69 47/10V
LX53 0.022 EMI-F
CX63 1/50V
CX62 1200P
CX67 20P
CX66 47P CH
CX65 0.022
RX61 6.8K
RX59 220
LX52 5.6UH
CX64 6800P
CX61 1/50V
CX60 56P CH
LX51 22UH
RX62 1K
RX60 1.5K
CX53 220/6.3V
CX54 0.01
QX60 LC74760
CX52 0.01
CX51 220/6.3V
14.31818MHZ
CX55 22P CH
CX56 22P CH
XX51
RX53 1M
CX57 22P CH
CX58 22P CH
XX52
RX54 1M
17.31818MHZ
CX59 0.47/50V
CE0 DATA1 CLK1
RX68 22K
SYNC-DT
CX74 1/50V
RX57 10K
QX62 DTC144ES
+5VL
CLK0
DATA0
CE1
VCR1 OFF
-5VV
GND
+5VV
DATA1
CLK1
CE2
SYNC-DET
GND
AUX-CVBS
JL03
JY04
CL20 22/10V
CL23 22/10V
RL19 4.7K
QL04 NJM2233B
CX49 4.7/25V
CL22 0.01
CL21 100/10V
PL04
(RVT)
VIDEO SELECTOR


CVBS-INPUT
TV
LD
IN VCR-1 OUT
IN VCR-2 OUT
TV-MONI
QL01 LC7824
QL03 MC14577A
QX63 NJM2267
QX60 LC74760
QX64 2SC536
QX61 2SC536
QX62 DTC144ES
XX51 14.31818MHZ
XX52 17.31818MHZ
JL03
JY04
PL04 VIDEO SELECTOR (RVT)
QL58 LC7824
QL55 MC14576
QL56 MC14576
FOR MONITOR OUT
FORVCR1 OUT
JL54
JL53
JL55
JY05
(RVS) PL54
CONNECT PCB (PY04)
QF01 NJM4558DD
QF02 NJM4558DD
2CH (L/R) TONE-CONT.
TONE-PCB (RT0) PF04
JF01
DSP P604
J602
J603
J601
JY06
JY10
JY04
DSP-ON/OFF
FRONT
SUB-WOOFER
CENTER
SURROUND
RC-5 IN/OUT
JV02
JV03
QV01 NJM4558DD
QV02 NJM4558DD
QV03 NJM4558DD
QV04 LC78212
QV06 TC9215P
QV07 NJM4558DD
QF51 NJM4558DD
QF52 NJM4558DD
QF61 NJM4558DD
QF62 NJM4558DD
JY08 TO TONE
R-IN
GND
R-OUT
L-IN
L-OUT
+15V
-15V
JY07
JV09
JV11
JY11
CONNECT PCB (PY04)
BACK UP PB04
JB09
PV04 6CH DIRECT (RTF)

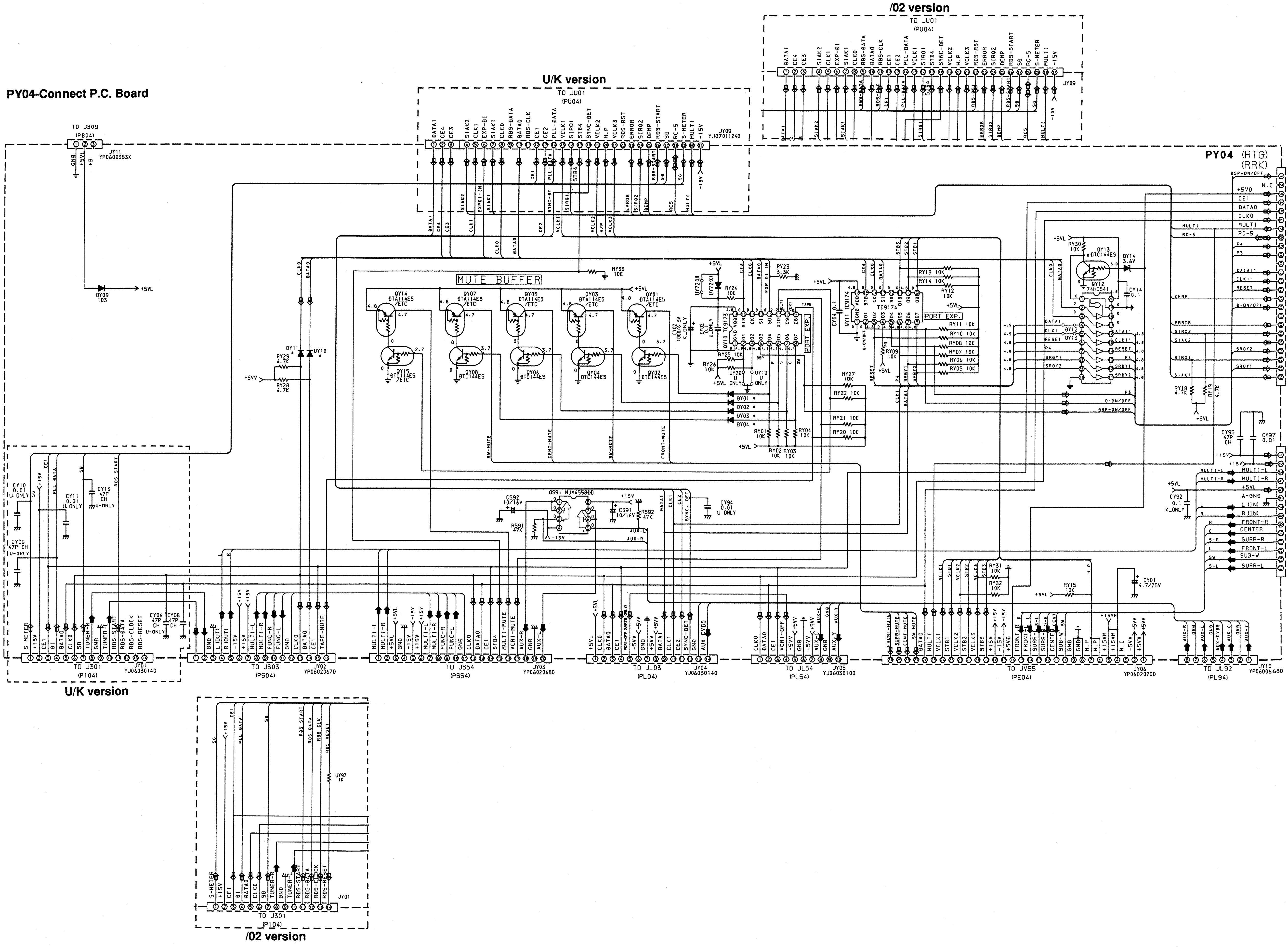
PL04-Video Selector P.C. Board (/02 version) **SR870 ONLY**

PL54-S-Video P.C. Board (/02 version) **SR870 ONLY**

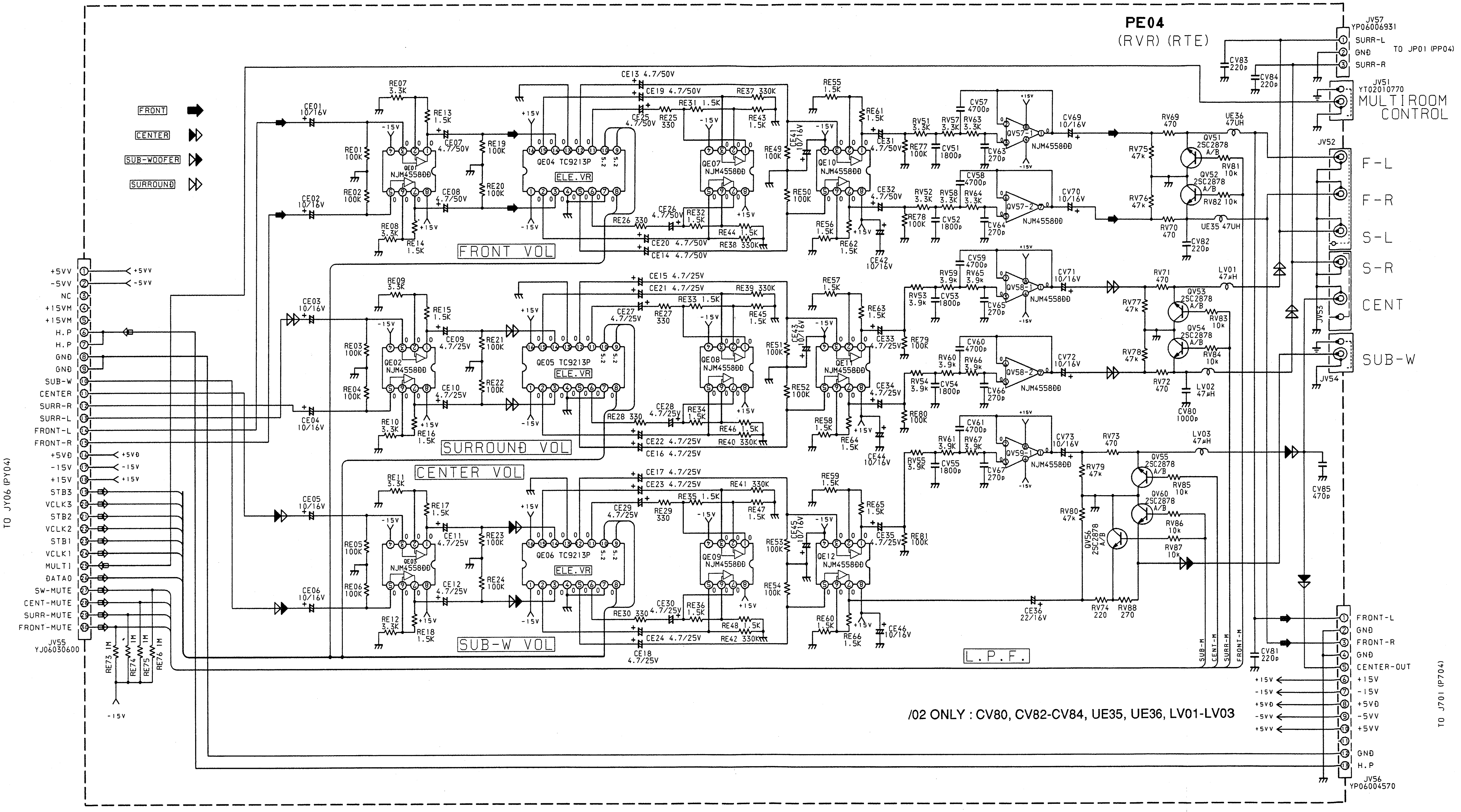
PF04-Tone P.C. Board (/02 version)

PV04-Direct In P.C. Board (/02 version)

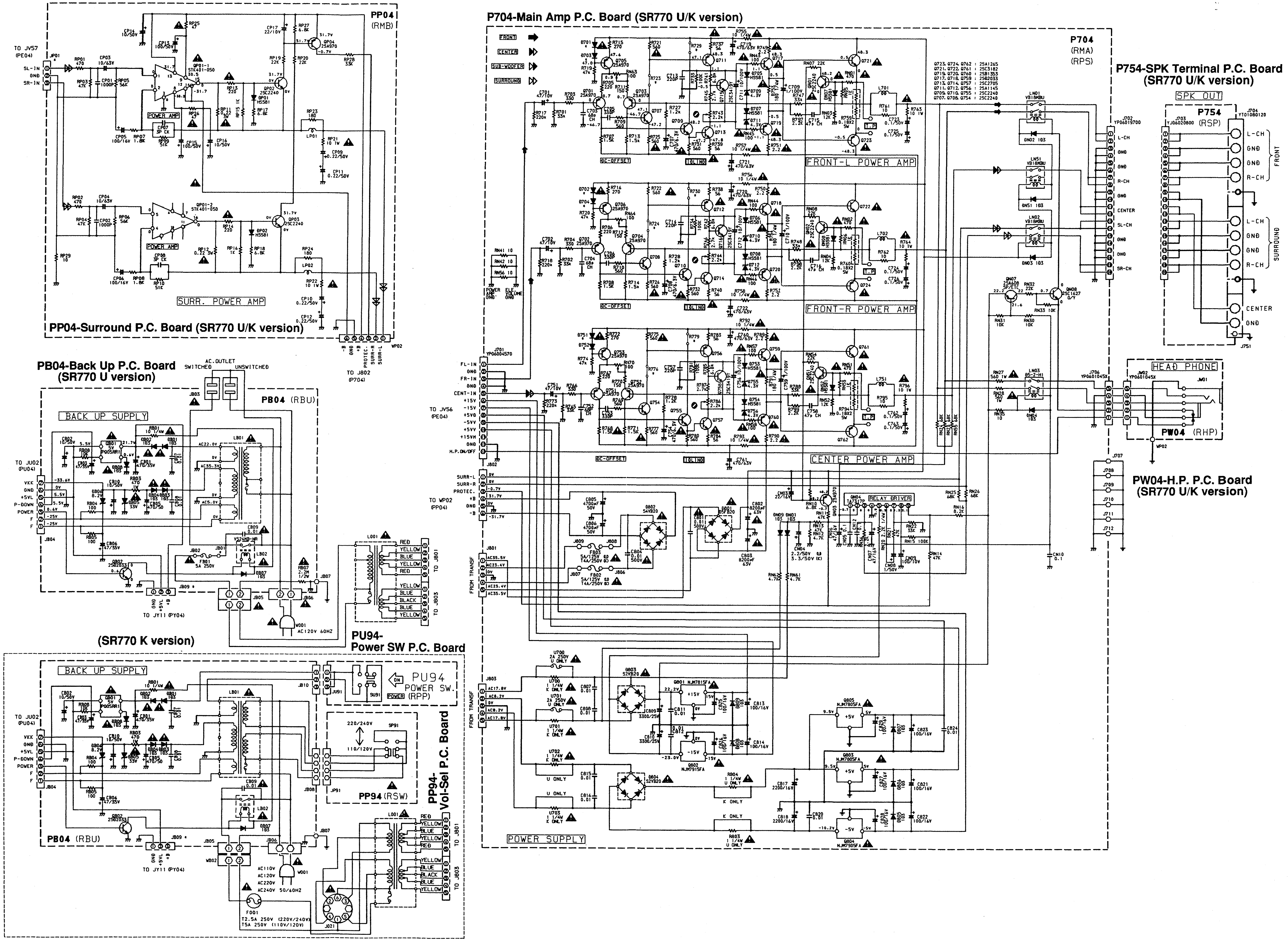
PY04-Connect P.C. Board


/02 version
TO JU01
(PU04)
DATA1
CE4
CE3
SIAK2
CLK1
EXP-DI
SIAK1
CLK0
RDS-DATA
DATA0
RDS-CLK
CE1
CE2
PLL-DATA
VCLK1
SIRQ1
STB4
SYNC-DET
VCLK2
H.P
VCLK3
RDS-RST
ERROR
SIRQ2
DEMP
RDS-START
SD
RC-5
S-METER
MULTI
-15V
JY09
U/K version
TO JU01
(PU04)
JY09
YJ07011240
TO JB09
(PB04)
GND
+5VL
+B
JY11
YP0600383X
DY09
1SS
+5VL
PY04 (RTG)
(RRK)
JY08
YP06020690
DSP-ON/OFF
N.C
+5VD
CE1
DATA0
CLK0
MULTI
RC-5
P4
P3
DATA1'
CLK1'
RESET
DEMP
D-ON/OFF
ERROR
SIRQ2
SIAK2
SRDY2
SIRQ1
SRDY1
SIAK1
TO JV06
(PV04)
RY18
4.7K
RY19
4.7K
+5VL
MUTE BUFFER
QY14
DTA114ES
/ETC
QY15
DTC114ES
/ETC
QY07
DTA114ES
/ETC
QY08
DTC144ES
QY05
DTA114ES
/ETC
QY06
DTC144ES
QY03
DTA114ES
/ETC
QY04
DTC144ES
QY01
DTA114ES
/ETC
QY02
DTC144ES
RY33
10K
DY11
DY10
RY29
4.7K
RY28
4.7K
+5VV
SW-MUTE
CENT-MUTE
SW-MUTE
FRONT-MUTE
UY720D
UY720B
RY24
10K
QY10 TC9175
CY02
1000/6.3V
K_ONLY
RY23
3.3K
PORT EXP.
RY25 10K
RY26
10K
UY20
U ONLY
UY19
U ONLY
DY01
DY02
DY03
DY04
RY01
10K
RY02
10K
RY03
10K
RY04
10K
RY27
10K
RY22 10K
RY21 10K
RY20 10K
CY04 0.1
QY11 TC9174
PORT EXP.
RY13 10K
RY14 10K
RY12
10K
RY11 10K
RY10 10K
RY08 10K
RY07 10K
RY06 10K
RY05 10K
RY09
10K
RY30
10K
QY13
DTC144ES
DY14
3.6V
QY12
74HC541
CY14
0.1
CY95
47P
CH
CY97
0.01
JY07
YJ06030140
-15V
+15V
MULTI-L
MULTI-R
+5VL
A-GND
L (IN)
R (IN)
FRONT-R
CENTER
SURR-R
FRONT-L
SUB-W
SURR-L
TO JV07
(PV04)
CY92
0.1
K_ONLY
QS91 NJM4558DD
CS92
10/16V
RS91
47K
CS91
10/16V
RS92
47K
AUX-L
AUX-R
CY94
0.01
U ONLY
CY10
0.01
U ONLY
CY11
0.01
U ONLY
CY13
47P
CH
U-ONLY
CY09
47P CH
U-ONLY
CY06
47P
CH
U-ONLY
CY08
47P
CH
S-METER
+15V
CE1
DI
DATA0
CLK0
SD
TUNER-R
GND
TUNER-L
RDS-START
RDS-DATA
RDS-CLOCK
RDS-RESET
TO J301
(P104)
JY01
YJ06030140
U/K version
GND
L (OUT)
R (OUT)
-15V
+15V
MULTI-L
MULTI-R
FUNC-R
FUNC-L
GND
CLK0
DATA0
CE1
TAPE-MUTE
TO JS03
(PS04)
JY02
YP06020670
MULTI-L
MULTI-R
+5VL
GND
-15V
+15V
MULTI-L
MULTI-R
FUNC-R
FUNC-L
GND
CLK0
DATA0
CE1
STB4
MULTI-MUTE
VCRI-MUTE
AUX-R
GND
AUX-L
TO JS54
(PS54)
JY03
YP06020680
+5VL
CLK0
DATA0
CE1
VCRI-OFF (AVR70 ONLY)
-5VV
GND
+5VV
DATA1
CLK1
CE2
SYNC-DET
GND
AUX-CVBS
TO JL03
(PL04)
JY04
YJ06030140
CLK0
DATA0
CE1
VCRI-OFF
-5VV
GND
+5VV
AUX-C
GND
AUX-Y
TO JL54
(PL54)
JY05
YJ06030100
RY31
10K
RY32
10K
RY15
10K
+5VL
CY01
4.7/25V
FRONT-MUTE
SURR-MUTE
CENT-MUTE
SW-MUTE
DATA0
MULTI
VCLK1
STB1
VCLK2
STB2
VCLK3
STB3
+15V
-15V
+5VD
FRONT-R
FRONT-L
SURR-L
SURR-R
CENTER
SUB-W
GND
GND
H.P
H.P
+15VM
+15VM
N.C
-5VV
+5VV
TO JV55
(PE04)
JY06
YP06020700
AUX-R
GND
AUX-L
GND
AUX-CVBS
AUX-C
GND
AUX-Y
TO JL92
(PL94)
JY10
YP06006680
UY97
1K
S-METER
+15V
CE1
DI
DATA0
CLK0
SD
TUNER-R
GND
TUNER-L
RDS-START
RDS-DATA
RDS-CLOCK
RDS-RESET
JY01
TO J301
(P104)
/02 version

PE04-Ele. Vol P.C. Board


PE04
(RVR) (RTE)
FRONT
CENTER
SUB-WOOFER
SURROUND
FRONT VOL
SURROUND VOL
CENTER VOL
SUB-W VOL
L.P.F.
QE04 TC9213P
QE05 TC9213P
QE06 TC9213P
ELE.VR
NJM4558DD
QV51 2SC2878
QV52 2SC2878
QV53 2SC2878
QV54 2SC2878
QV55 2SC2878
QV56 2SC2878
QV60 2SC2878
JV57 YP06006931
SURR-L
GND
SURR-R
TO JP01 (PP04)
JV51 YT02010770
MULTIROOM CONTROL
JV52
F-L
F-R
S-L
S-R
CENT
SUB-W
JV53
JV54
+5VV
-5VV
NC
+15VM
+15VM
H.P
H.P
GND
GND
SUB-W
CENTER
SURR-R
SURR-L
FRONT-L
FRONT-R
+5VD
-15V
+15V
STB3
VCLK3
STB2
VCLK2
STB1
VCLK1
MULTI
DATA0
SW-MUTE
CENT-MUTE
SURR-MUTE
FRONT-MUTE
JV55 YJ06030600
TO JY06 (PY04)
RE73 1M
RE74 1M
RE75 1M
RE76 1M
-15V
FRONT-L
GND
FRONT-R
GND
CENTER-OUT
+15V
-15V
+5VD
-5VV
+5VV
GND
H.P
JV56 YP06004570
TO J701 (P704)

/02 ONLY : CV80, CV82-CV84, UE35, UE36, LV01-LV03



PP04-Surround P.C. Board (SR770 U/K version)

PB04-Back Up P.C. Board (SR770 U version)

(SR770 K version)

PU94-Power SW P.C. Board

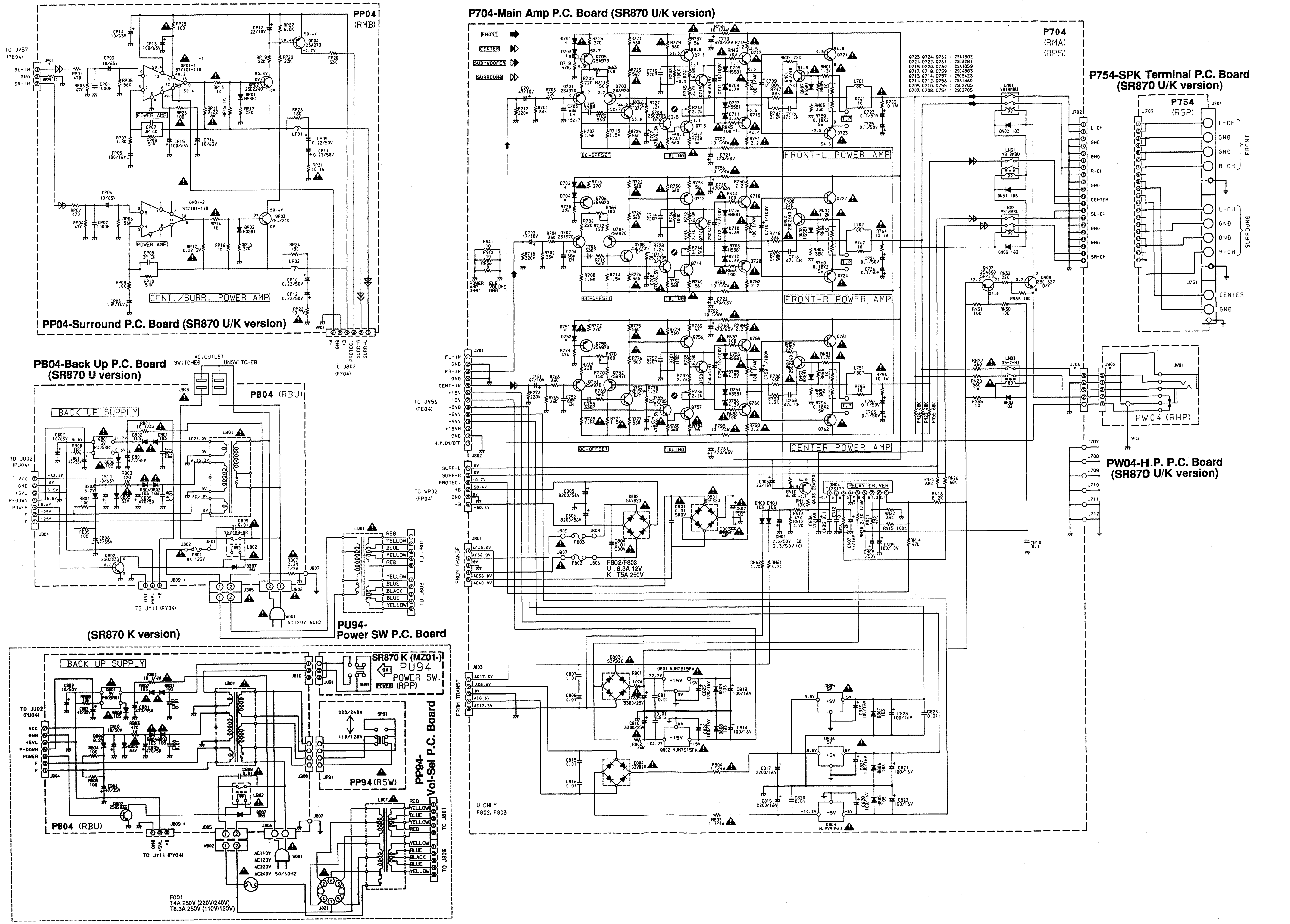
PP94-Vol-Sel P.C. Board

P704-Main Amp P.C. Board (SR770 U/K version)

P754-SPK Terminal P.C. Board (SR770 U/K version)

PW04-H.P. P.C. Board (SR770 U/K version)

PP04 (RMB)
TO JV57 (PE04)
SL-IN
GND
SR-IN
POWER AMP
SURR. POWER AMP
-B
GND
+B
PROTEC.
SURR-R
SURR-L
TO J802 (P704)
AC OUTLET
SWITCHED
UNSWITCHED
PB04 (RBU)
BACK UP SUPPLY
TO JU02 (PU04)
VKK
GND
+5VL
P-DOWN
POWER
F
F
TO JY11 (PY04)
AC120V 60HZ
RED
YELLOW
BLUE
BLACK
TO J801
TO J803
PU94
POWER SW.
(RPP)
220/240V
110/120V
PP94 (RSW)
AC110V
AC120V
AC220V
AC240V 50/60HZ
T2.5A 250V (220V/240V)
T5A 250V (110V/120V)
P704 (RMA) (RPS)
FRONT
CENTER
SUB-WOOFER
SURROUND
FRONT-L POWER AMP
FRONT-R POWER AMP
CENTER POWER AMP
DC-OFFSET
IDLING
FL-IN
FR-IN
CENT-IN
TO JV56 (PE04)
H.P. ON/OFF
SURR-L
SURR-R
TO WP02 (PP04)
FROM TRANSF
RELAY DRIVER
POWER SUPPLY
SPK OUT
P754 (RSP)
L-CH
GND
R-CH
CENTER
FRONT
SURROUND
HEAD PHONE
PW04 (RHP)



PP04-Surround P.C. Board (SR870 U/K version)

PB04-Back Up P.C. Board (SR870 U version)

(SR870 K version)

PU94-Power SW P.C. Board

PP94-Vol-Sel P.C. Board

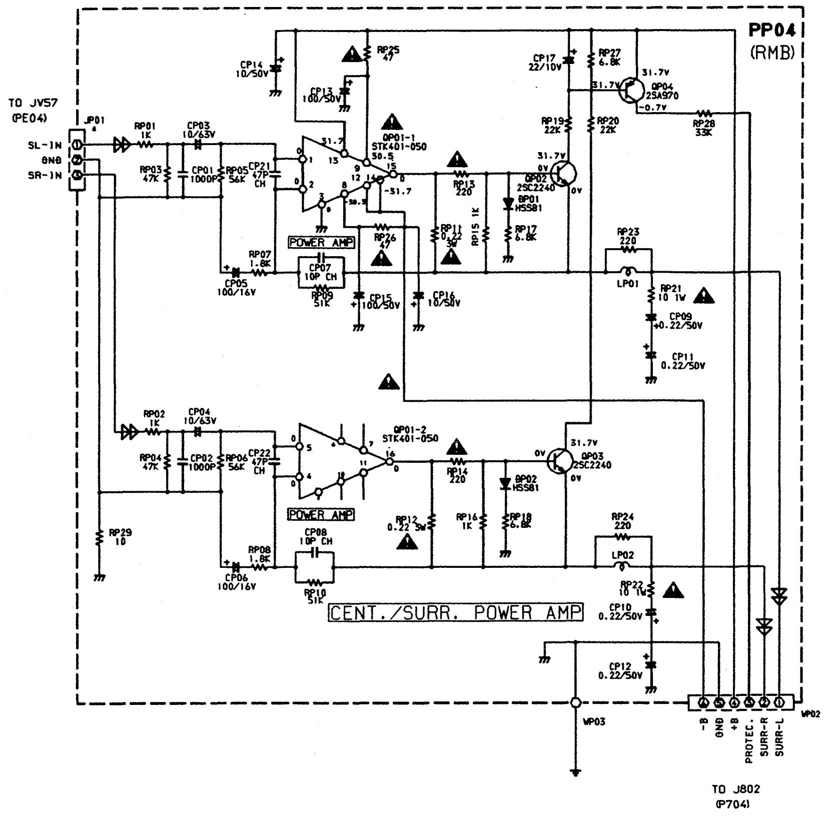
P704-Main Amp P.C. Board (SR870 U/K version)

P754-SPK Terminal P.C. Board (SR870 U/K version)

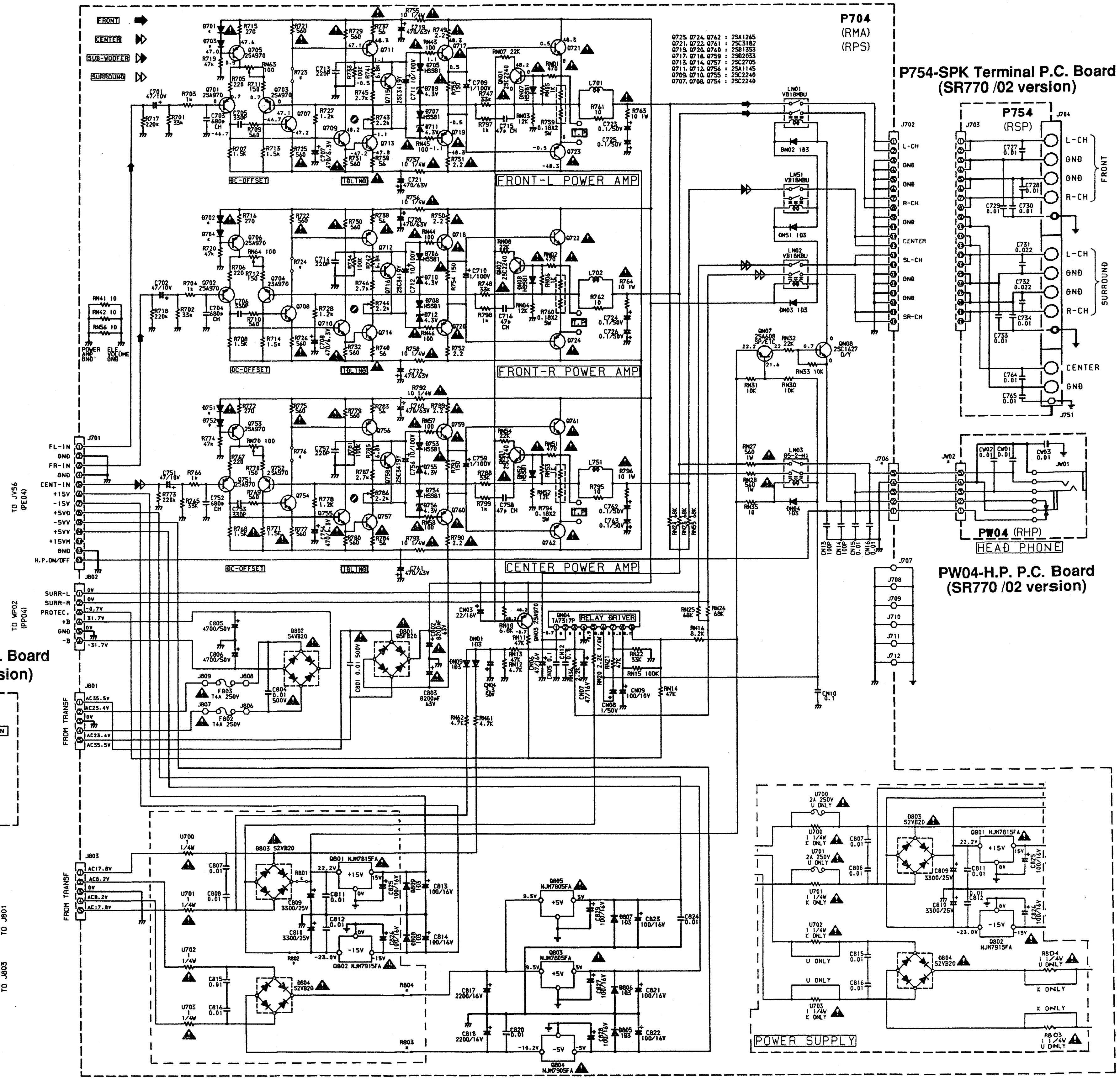
PW04-H.P. P.C. Board (SR870 U/K version)

PP04 (RMB)
TO JV57 (PE04)
SL-IN
GND
SR-IN
POWER AMP
CENT./SURR. POWER AMP
TO J802 (P704)
AC OUTLET
SWITCHED
UNSWITCHED
PB04 (RBU)
BACK UP SUPPLY
TO JU02 (PU04)
VKK
GND
+5VL
P-DOWN
POWER
F
TO JY11 (PY04)
AC120V 60HZ
RED
YELLOW
BLUE
BLACK
TO J801
TO J803
SR870 K (MZ01-)
PU94
POWER SW.
(RPP)
PP94 (RSW)
220/240V
110/120V
F001
T4A 250V (220V/240V)
T6.3A 250V (110V/120V)
AC110V
AC120V
AC220V
AC240V
50/60HZ
P704
(RMA)
(RPS)
FRONT
CENTER
SUB-WOOFER
SURROUND
DC-OFFSET
IDLING
FRONT-L POWER AMP
FRONT-R POWER AMP
CENTER POWER AMP
RELAY DRIVER
TO JV56 (PE04)
TO WP02 (PP04)
FROM TRANSF
F802/F803
U : 6.3A 12V
K : T5A 250V
U ONLY
F802, F803
P754
(RSP)
L-CH
R-CH
GND
CENTER
SL-CH
SR-CH
SURROUND
PW04 (RHP)

PP04-Surround P.C. Board (SR770 /02 version)


PP04
(RMB)
TO JV57 (PE04)
SL-IN
GND
SR-IN
JP01
QP01-1 STK401-050
QP01-2 STK401-050
POWER AMP
CENT./SURR. POWER AMP
WP02
WP03
-B
GND
+B
PROTEC.
SURR-R
SURR-L
TO J802 (P704)

P704-Main Amp P.C. Board (SR770 /02 version)

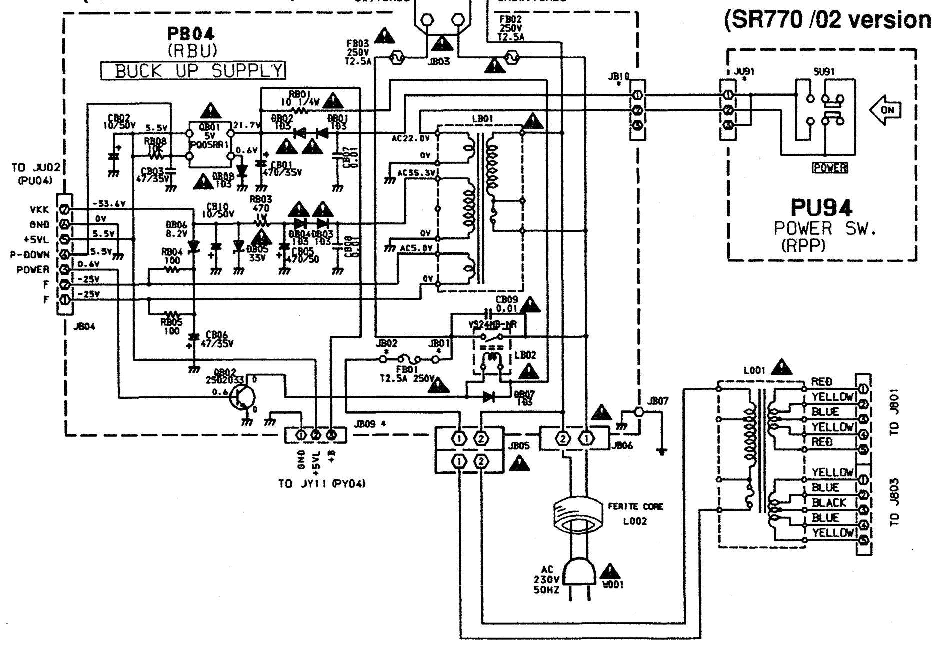

P704
(RMA)
(RPS)
FRONT
CENTER
SUB-WOOFER
SURROUND
FRONT-L POWER AMP
FRONT-R POWER AMP
CENTER POWER AMP
DC-OFFSET
IDLING
RELAY DRIVER
POWER SUPPLY
J701
FL-IN
GND
FR-IN
GND
CENT-IN
+15V
-15V
+5VD
-5VV
+5VV
+15VH
GND
H.P.ON/OFF
TO JV56 (PE04)
J802
SURR-L
SURR-R
PROTEC.
+B
GND
-B
TO WP02 (PP04)
J801
FROM TRANSF
J803
FROM TRANSF
J702
L-CH
GND
GND
R-CH
GND
CENTER
SL-CH
GND
GND
SR-CH
P754
(RSP)
J703
J704
J751
L-CH
GND
GND
R-CH
FRONT
L-CH
GND
GND
R-CH
SURROUND
CENTER
GND
PW04 (RHP)
HEAD PHONE
JW01
JW02
J706
J707
J708
J709
J710
J711
J712

P754-SPK Terminal P.C. Board (SR770 /02 version)

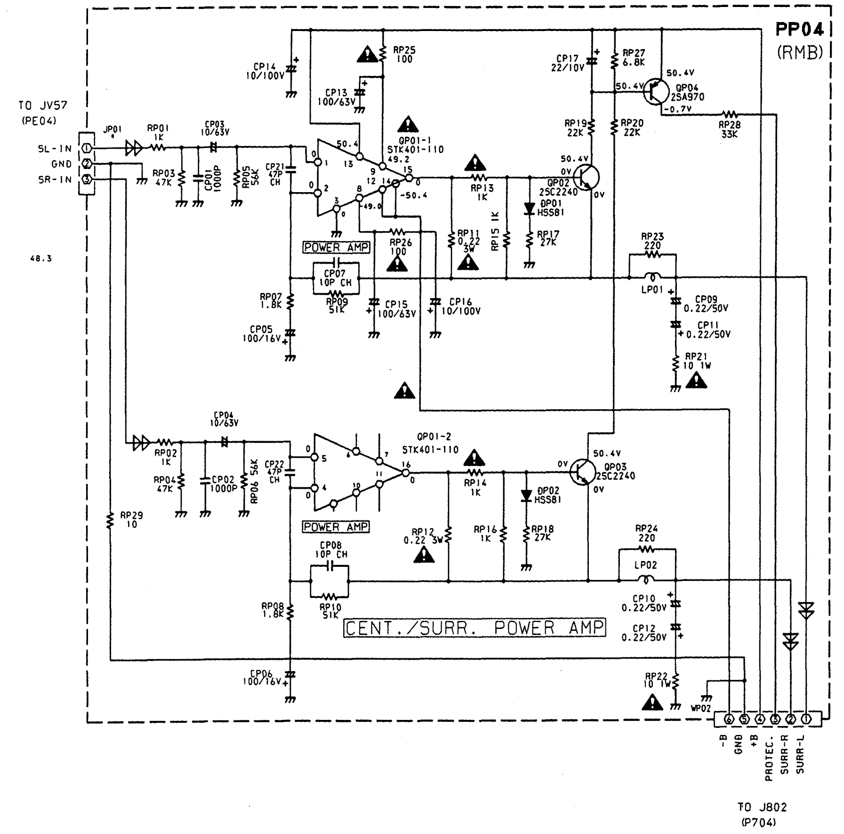
PW04-H.P. P.C. Board (SR770 /02 version)

PB04-Back Up P.C. Board (SR770 /02 version)

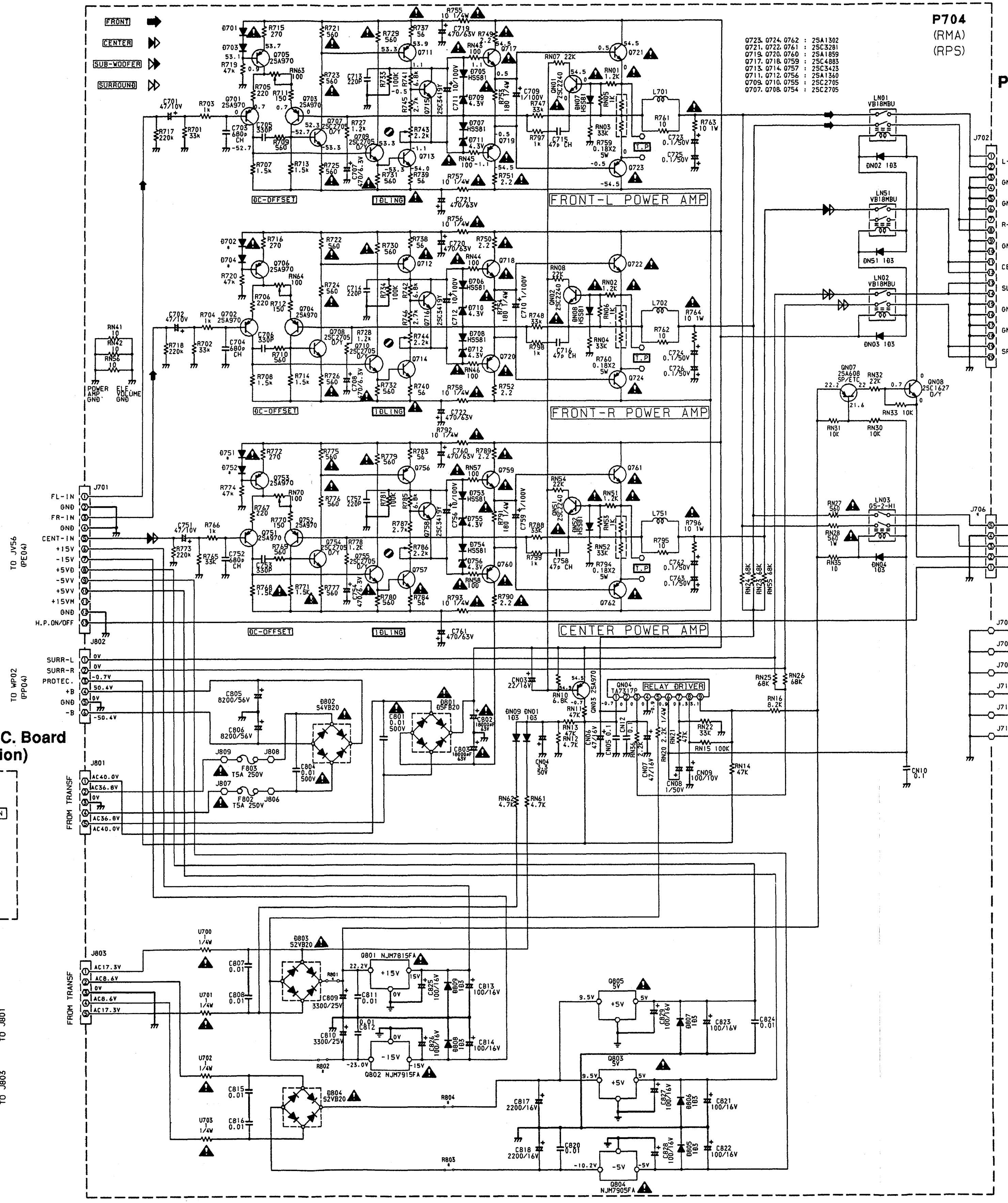
PU94-Power SW P.C. Board (SR770 /02 version)


PB04
(RBU)
BUCK UP SUPPLY
AC.OUTLETS
SWITCHED
UNSWITCHED
TO JU02 (PU04)
VKK
GND
+5VL
P-DOWN
POWER
F
F
JB04
JB09
GND
+5VL
TO JY11 (PY04)
JB10
FERITE CORE
L002
AC 230V 50HZ
W001
RED
YELLOW
BLUE
YELLOW
RED
YELLOW
BLUE
BLACK
BLUE
YELLOW
TO JB01
TO JB03
PU94
POWER SW.
(RPP)
JU91
SU91
POWER
ON

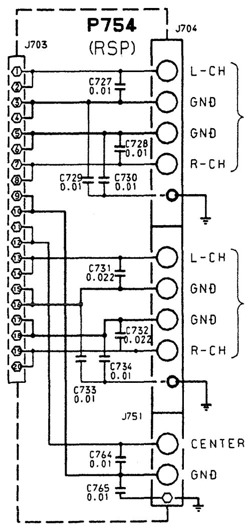
PP04-Surround P.C. Board (SR870 /02 version)

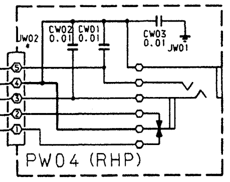

PP04
(RMB)
TO JV57
(PE04)
SL-IN
GND
SR-IN
QP01-1
STK401-110
QP01-2
STK401-110
POWER AMP
CENT./SURR. POWER AMP
QP04
2SA970
QP03
2SC2240
LP01
LP02
-B
GND
+B
PROTEC.
SURR-R
SURR-L
TO J802
(P704)

P704-Main Amp P.C. Board (SR870 /02 version)


P704
(RMA)
(RPS)
FRONT
CENTER
SUB-WOOFER
SURROUND
Q723, Q724, Q762 : 2SA1302
Q721, Q722, Q761 : 2SC3281
Q719, Q720, Q760 : 2SA1859
Q717, Q718, Q759 : 2SC4883
Q713, Q714, Q757 : 2SC3423
Q711, Q712, Q756 : 2SA1360
Q709, Q710, Q755 : 2SC2705
Q707, Q708, Q754 : 2SC2705
FRONT-L POWER AMP
FRONT-R POWER AMP
CENTER POWER AMP
DC-OFFSET
IDLING
LN01
VB18MBU
LN51
VB18MBU
LN02
VB18MBU
LN03
G5-2-HI
RELAY DRIVER
J701
FL-IN
GND
FR-IN
GND
CENT-IN
+15V
-15V
+5VD
-5VV
+5VV
+15VM
GND
H.P.ON/OFF
TO JV56
(PE04)
J802
SURR-L
SURR-R
PROTEC.
+B
GND
-B
TO WP02
(PP04)
J801
AC40.0V
AC36.8V
0V
AC36.8V
AC40.0V
FROM TRANSF
J803
AC17.3V
AC8.6V
0V
AC8.6V
AC17.3V
FROM TRANSF
Q801 NJM7815FA
Q802 NJM7915FA
Q804 NJM7905FA
L-CH
GND
GND
R-CH
GND
CENTER
SL-CH
GND
GND
SR-CH
J702
J706
J707
J708
J709
J710
J711
J712

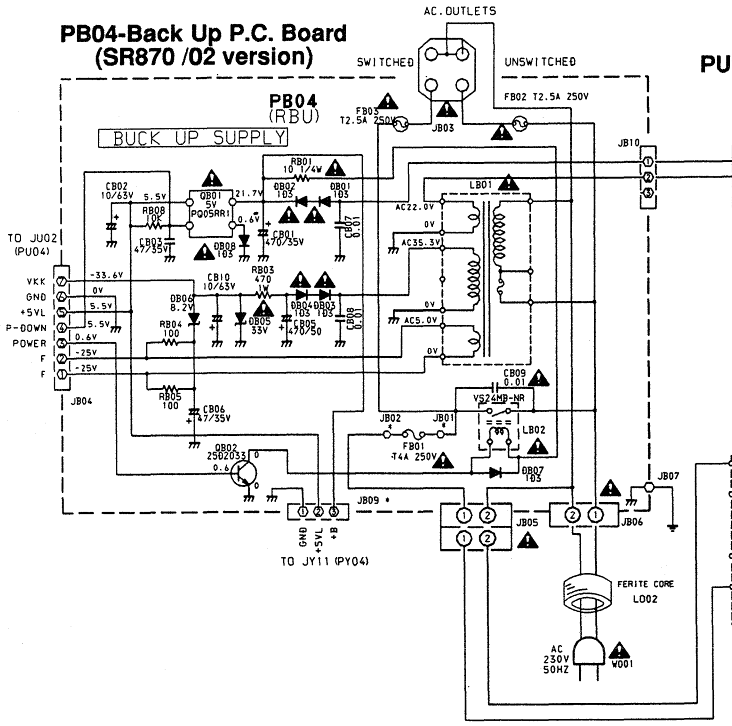
P754-SPK Terminal P.C. Board (SR870 /02 version)


P754
(RSP)
J703
J704
L-CH
GND
GND
R-CH
FRONT
L-CH
GND
GND
R-CH
SURROUND
CENTER
GND
J751

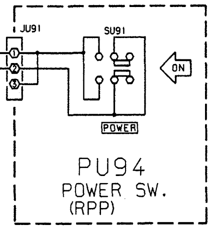

PW04 (RHP)
JW01
JW02

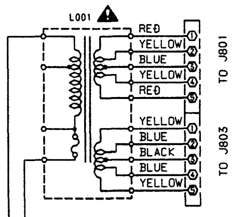
PW04-H.P. P.C. Board (SR870 /02 version)

PB04-Back Up P.C. Board (SR870 /02 version)

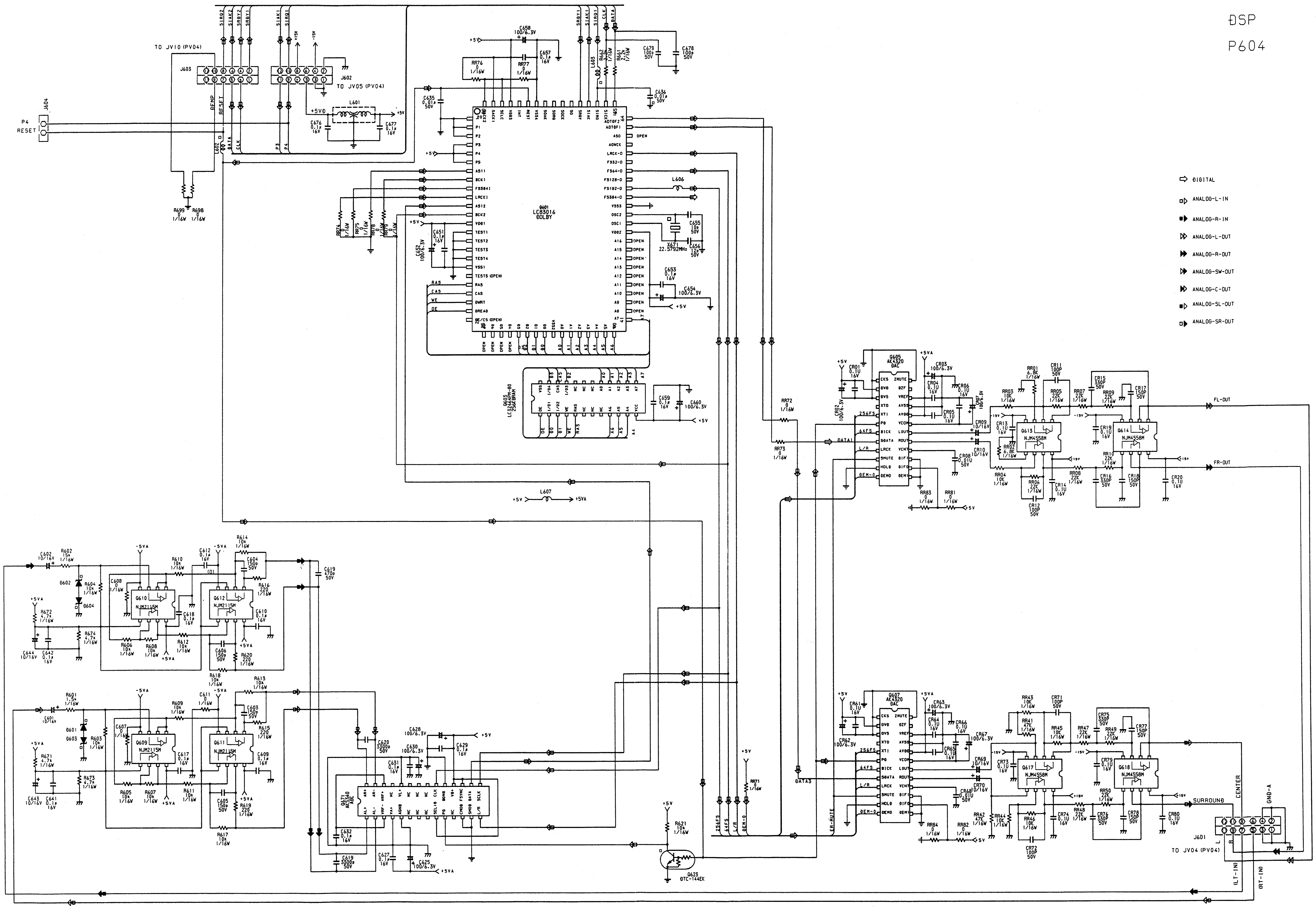

PB04
(RBU)
BUCK UP SUPPLY
AC.OUTLETS
SWITCHED
UNSWITCHED
F803 T2.5A 250V
FB02 T2.5A 250V
TO JU02
(PU04)
VKK
GND
+5VL
P-DOWN
POWER
F
F
JB04
QB02
2SC2033
LB01
LB02
JB10
JB05
JB06
JB07
TO JY11 (PY04)
FERITE CORE
L002
AC
230V
50HZ

PU94-Power SW P.C. Board (SR870 /02 version)


JU91
SU91
ON
POWER
PU94
POWER SW.
(RPP)

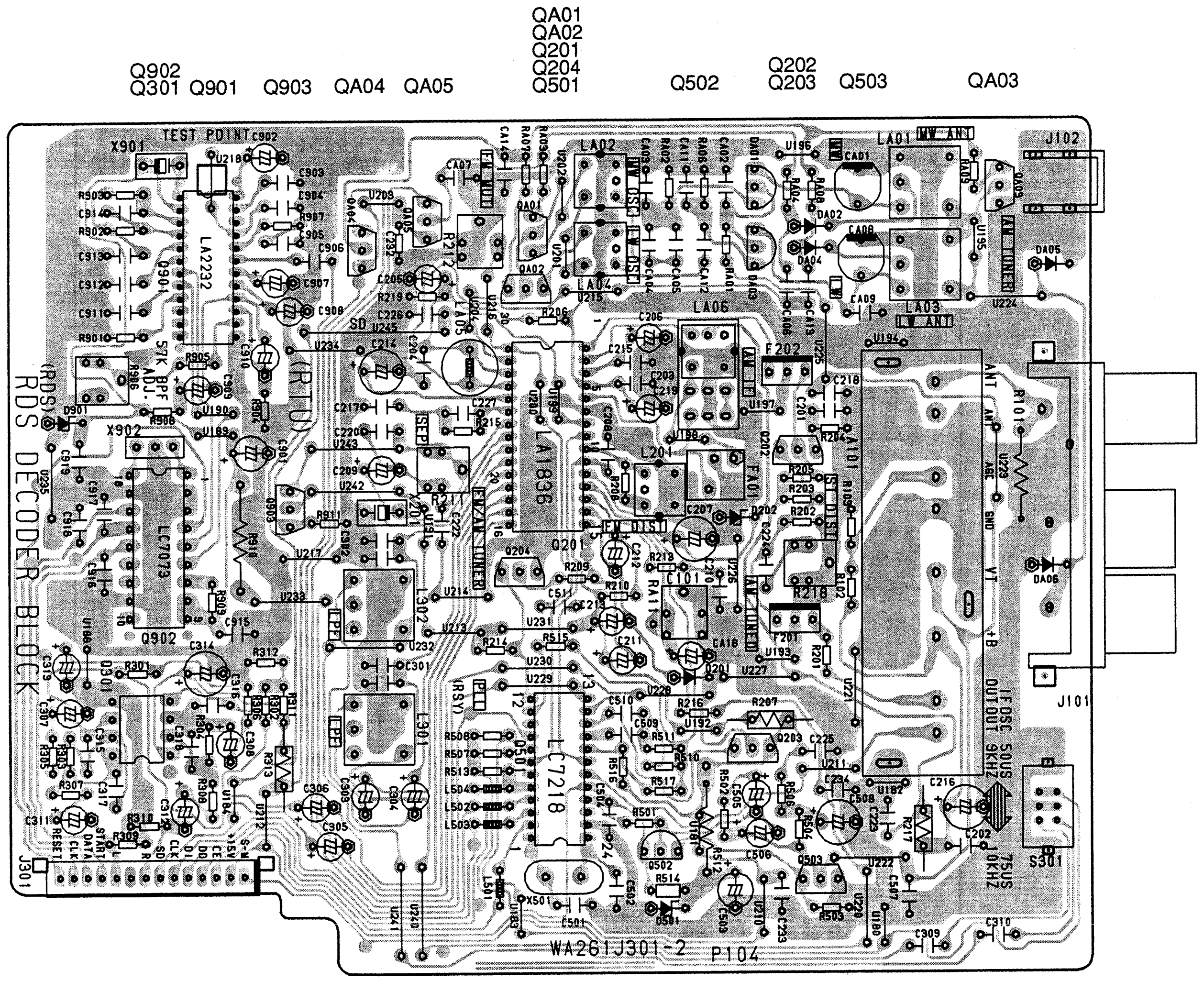

L001
RED
YELLOW
BLUE
YELLOW
RED
YELLOW
BLUE
BLACK
BLUE
YELLOW
TO J801
TO J803

P604-THX Pro-Logic DSP P.C. Board

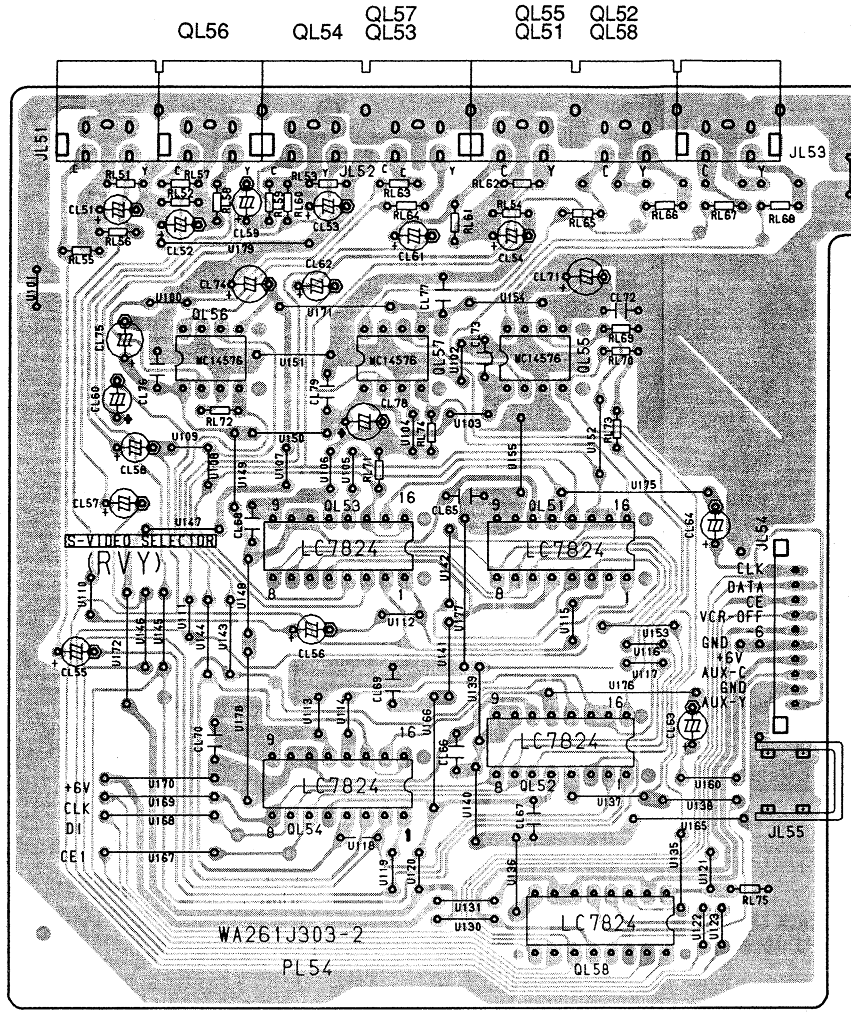

TO JV10 (PV04)
J603
J602
TO JV05 (PV04)
J604
P4
RESET
L601
+5VD
+5V
R699
R698
Q601
LC83016
DOLBY
X671
22.5792MHz
L606
Q603
LC324260J-80
256KDRAM
L607
+5VA
Q605
AK4320
DAC
Q607
AK4320
DAC
Q613
NJM4558M
Q614
NJM4558M
Q617
NJM4558M
Q618
NJM4558M
FL-OUT
FR-OUT
CENTER
SURROUND
GND-A
J601
TO JV04 (PV04)
(LT-IN)
(RT-IN)
Q610
NJM2115M
Q612
NJM2115M
Q609
NJM2115M
Q611
NJM2115M
Q671
AK5340
ADC
Q621
Q623
DTC-144EK
D602
D604
D601
D603
DATA1
DATA3
256FS
64FS
L/R
DEM-0
FR-MUTE
DIGITAL
ANALOG-L-IN
ANALOG-R-IN
ANALOG-L-OUT
ANALOG-R-OUT
ANALOG-SW-OUT
ANALOG-C-OUT
ANALOG-SL-OUT
ANALOG-SR-OUT

DSP
P604

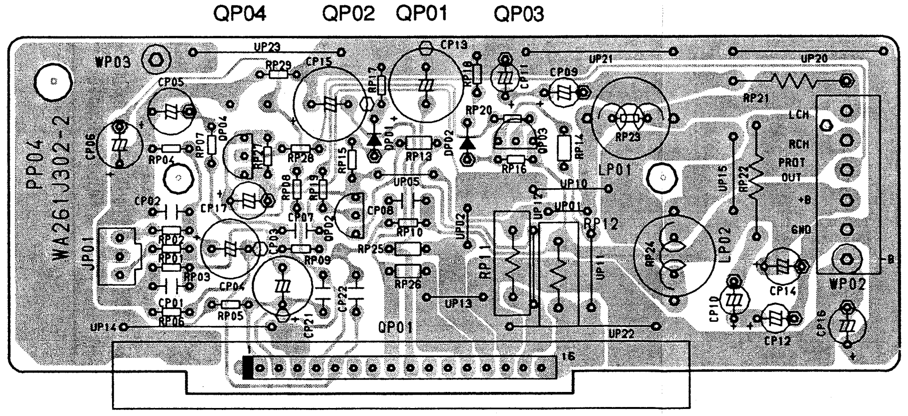
P104-Tuner P.C.Board


Q902
Q301
Q901
Q903
QA04
QA05
QA01
QA02
Q201
Q204
Q501
Q502
Q202
Q203
Q503
QA03
TEST POINT
LA2232
LA1836
LC7073
LC7218
(RDS) RDS DECODER BLOCK
(RTU)
(RSY)
J101
J102
S301
J301
MW ANT
AM TUNER
LW ANT
FM/AM TUNER
WA261J301-2
P104

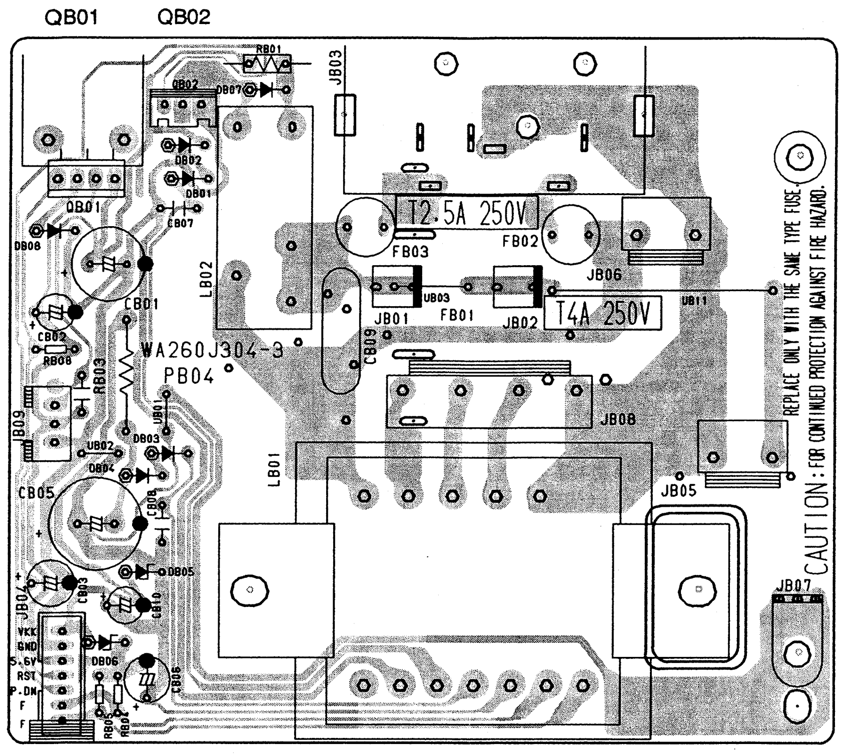
PL54-S-Video P.C.Board (SR870 only)


QL56
QL54
QL57
QL53
QL55
QL51
QL52
QL58
JL51
JL52
JL53
JL54
JL55
MC14576
LC7824
S-VIDEO SELECTOR
(RVY)
CLK
DATA
CE
VCR-OFF
GND
+6V
AUX-C
GND
AUX-Y
+6V
CLK
DI
CE1
WA261J303-2
PL54

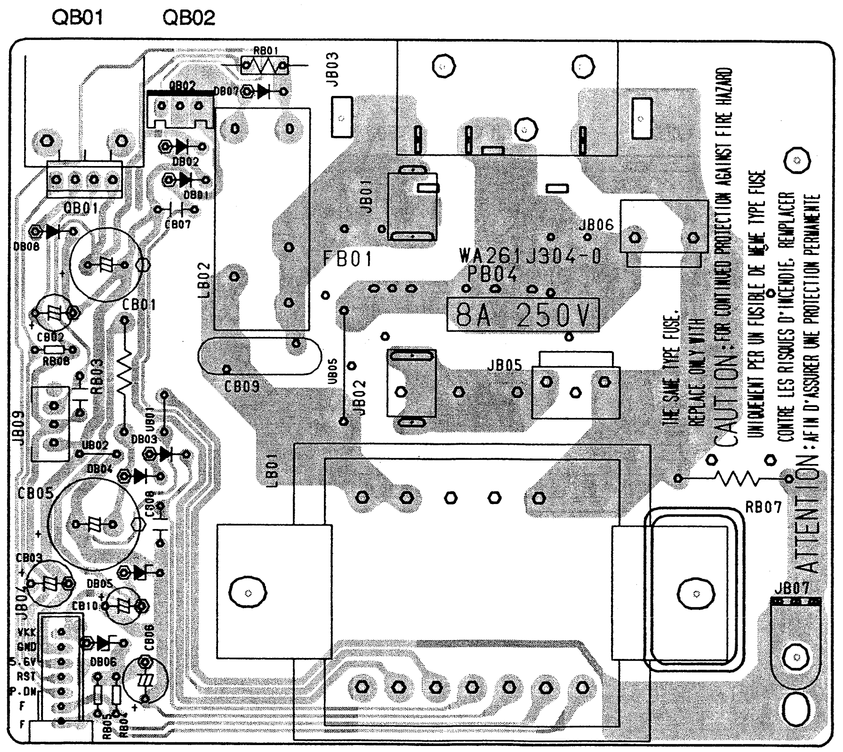
PP04-Surround P.C.Board


QP04
QP02
QP01
QP03
WP03
WP02
JP01
LP01
LP02
QP01
LCH
RCH
PROT
OUT
+B
GND
PP04
WA261J302-2

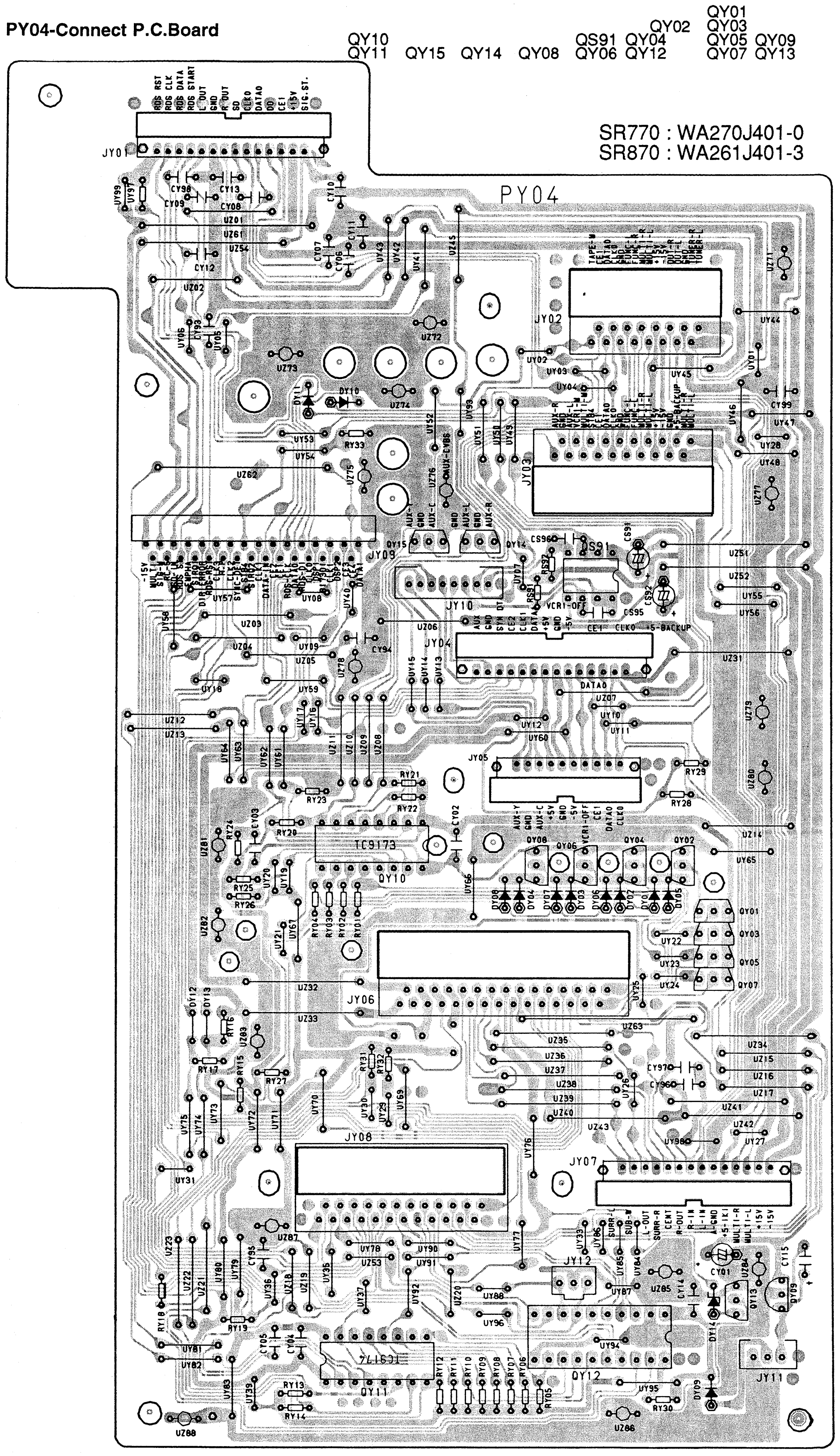
PB04-Back Up P.C.Board
(K, /02B version)


QB01
QB02
T2.5A 250V
T4A 250V
FB01
FB02
FB03
WA260J304-3
PB04
CAUTION : FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH THE SAME TYPE FUSE.
VKK
GND
5.6V
RST
P-DN
F
F

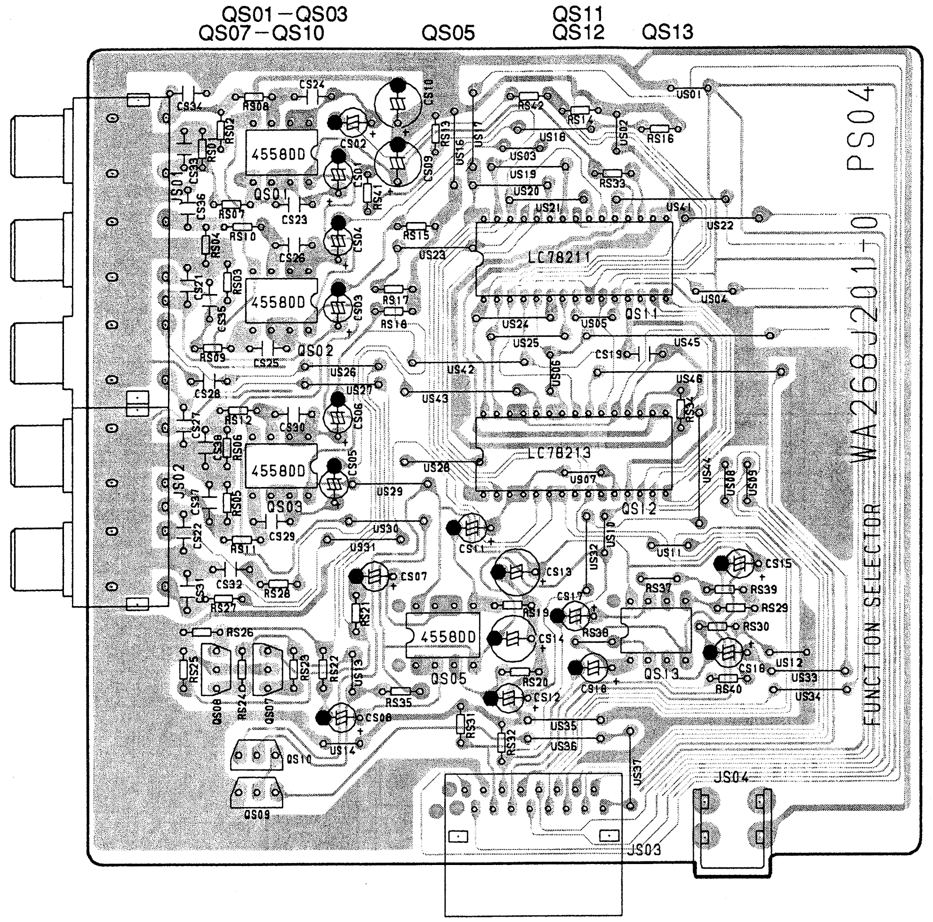
PB04-Back Up P.C.Board
(U version)


QB01
QB02
FB01
WA261J304-0
PB04
8A 250V
CAUTION : FOR CONTINUED PROTECTION AGAINST FIRE HAZARD
REPLACE ONLY WITH THE SAME TYPE FUSE.
ATTENTION : AFIN D'ASSURER UNE PROTECTION PERMANENTE
CONTRE LES RISQUES D'INCENDIE, REMPLACER
UNIQUEMENT PER UN FUSIBLE DE MEME TYPE FUSE
VKK
GND
5.6V
RST
P-DN
F

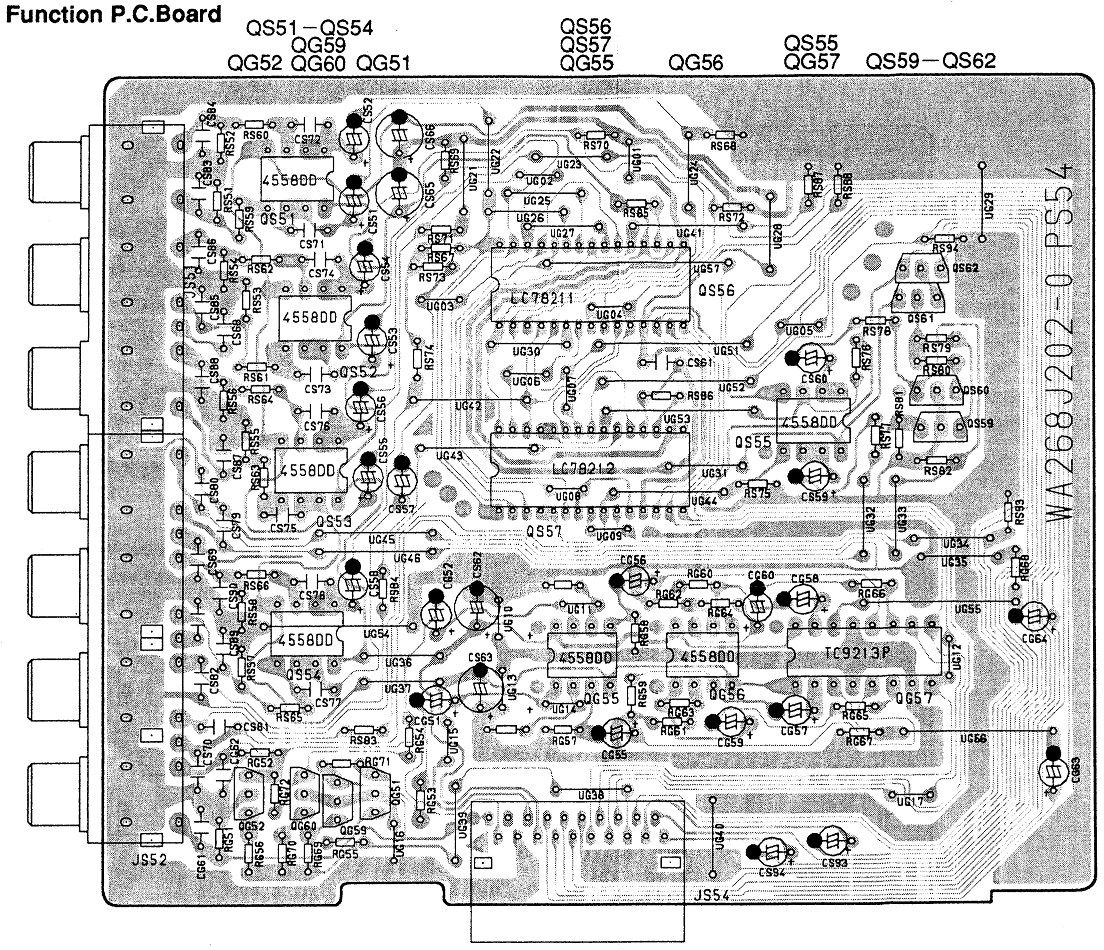
PY04-Connect P.C.Board


QY01
QY02
QY03
QY04
QY05
QY06
QY07
QY08
QY09
QY10
QY11
QY12
QY13
QY14
QY15
QS91
SR770 : WA270J401-0
SR870 : WA261J401-3
PY04
JY01
JY02
JY03
JY04
JY05
JY06
JY07
JY08
JY09
JY10
JY11
JY12
TC9173

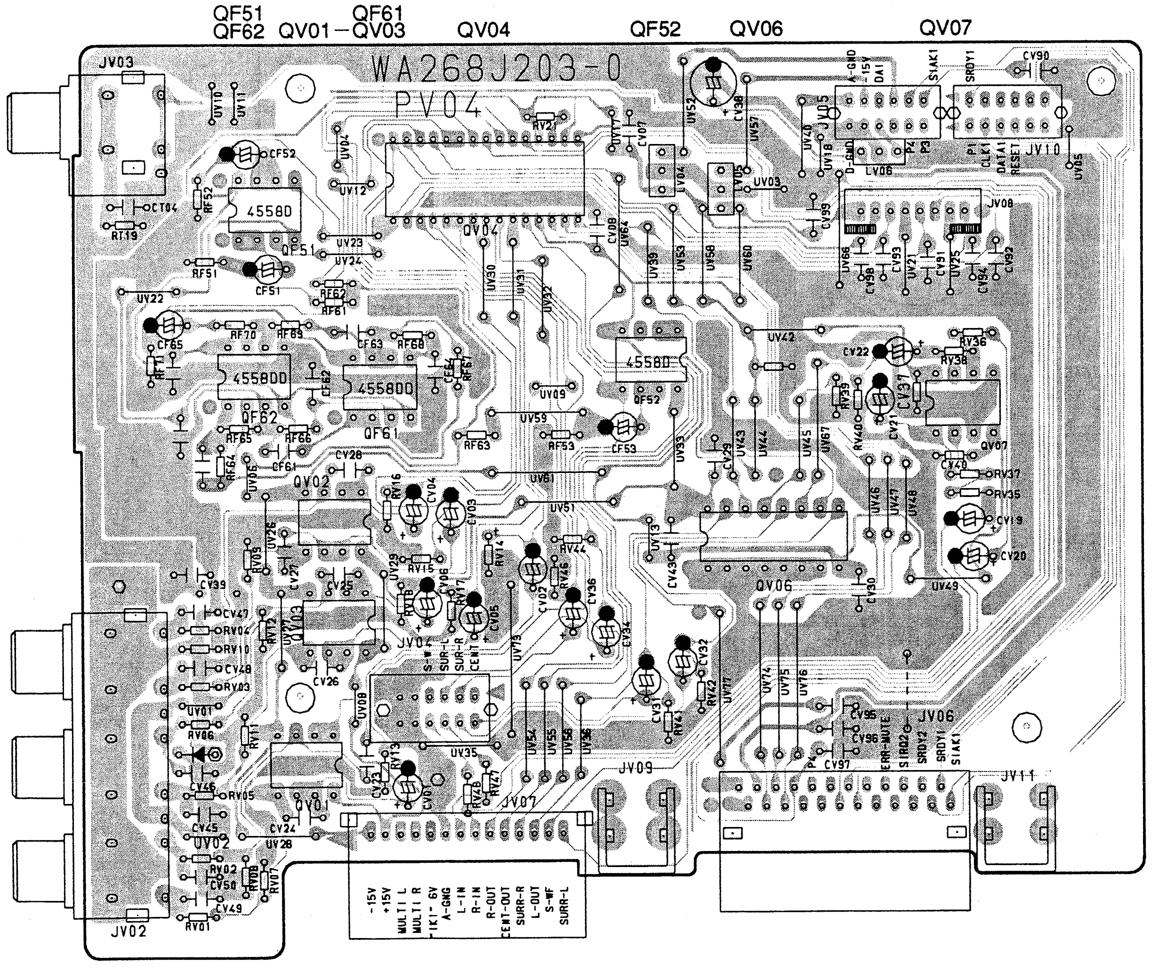
PS04-Audio Function P.C.Board


QS01–QS03
QS07–QS10
QS05
QS11
QS12
QS13
4558D
LC78211
LC78213
PS04
WA268J201-0
FUNCTION SELECTOR
JS01
JS02
JS03
JS04

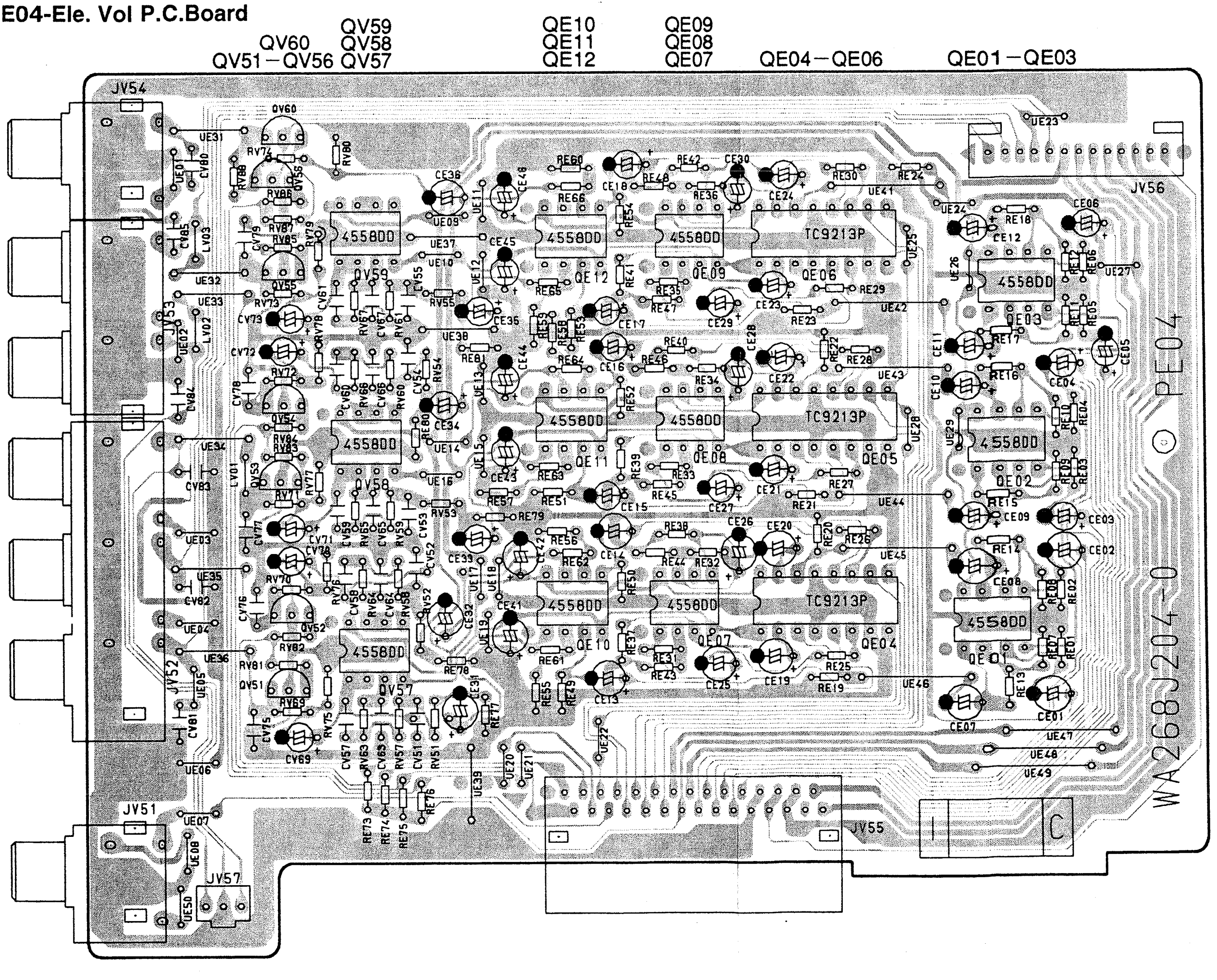
PS54-V-Audio Function P.C.Board


QS51–QS54
QG59
QG52 QG60 QG51
QS56
QS57
QG55
QG56
QS55
QG57
QS59–QS62
4558D
LC78211
LC78212
TC9213P
WA268J202-0 PS54
JS51
JS52
JS54

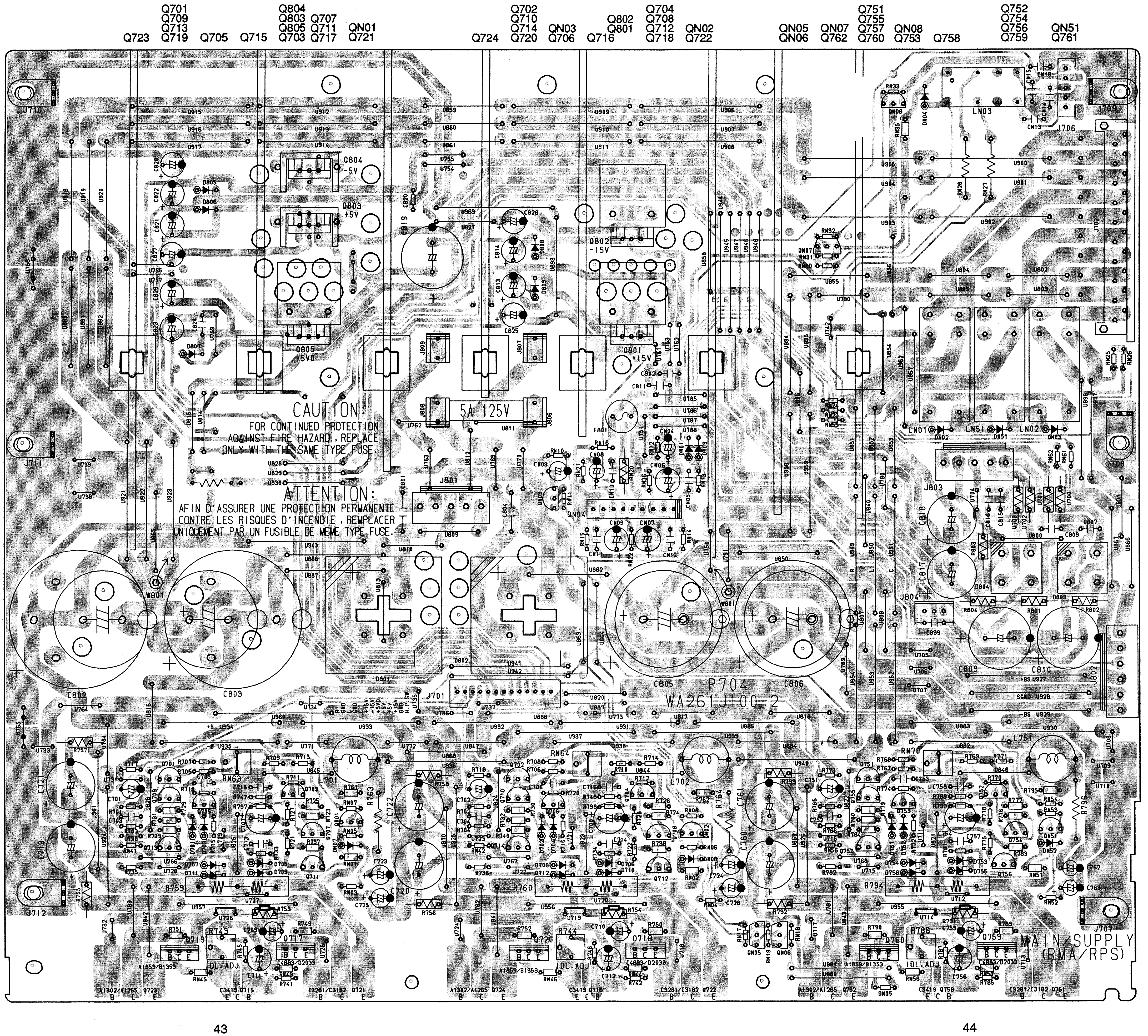
PV04-Direct In P.C.Board


QF51
QF62
QV01–QV03
QF61
QV04
QF52
QV06
QV07
WA268J203-0
PV04
4558D
JV03
JV02
JV05
JV06
JV07
JV08
JV09
JV10
JV11
-15V
+15V
MULTI L
MULTI R
-6V
A-GND
L-IN
R-IN
R-OUT
CENT-OUT
SURR-R
L-OUT
S-W
SURR-L

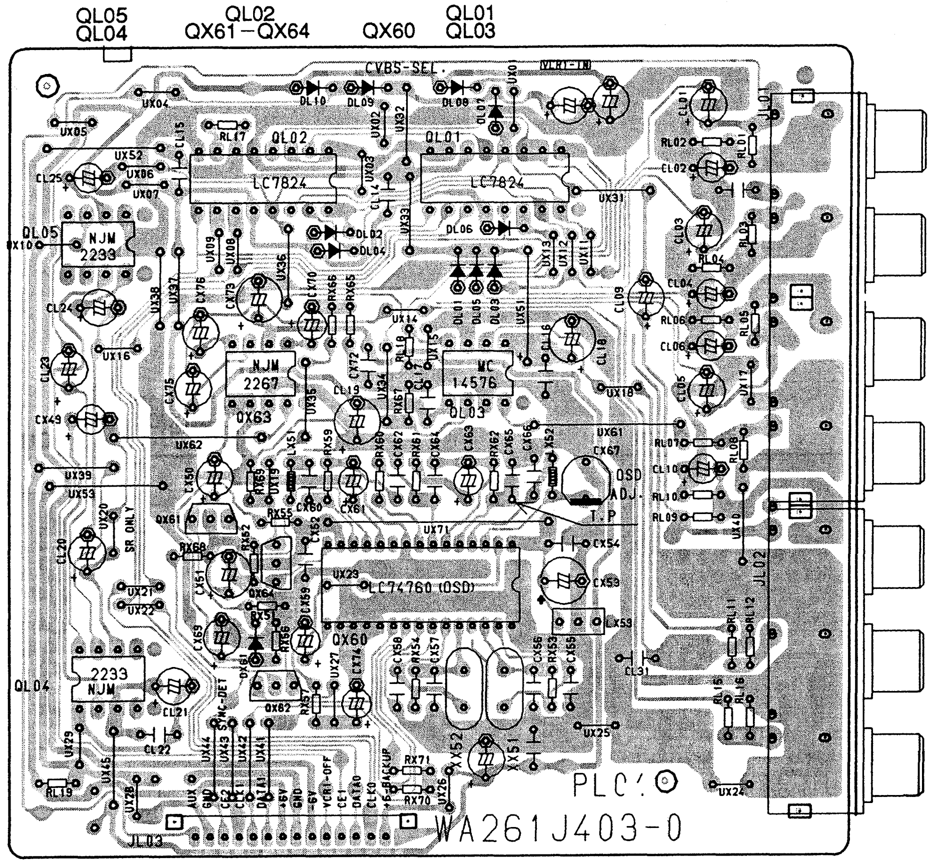
PE04-Ele. Vol P.C.Board


QV60
QV51–QV56
QV59
QV58
QV57
QE10
QE11
QE12
QE09
QE08
QE07
QE04–QE06
QE01–QE03
4558D
TC9213P
PE04
WA268J204-0
JV54
JV56
JV53
JV52
JV51
JV57
JV55

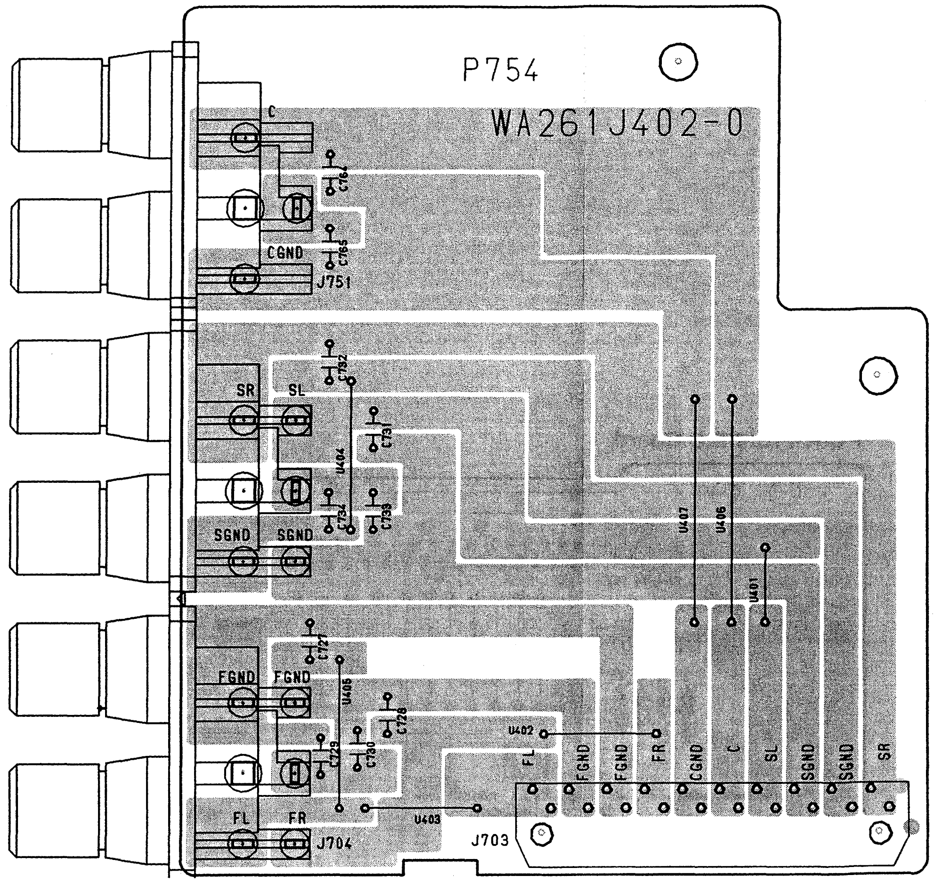
P704-Main Amp P.C.Board


Q723
Q701 Q709 Q713 Q719
Q705
Q715
Q804 Q803 Q805 Q703
Q707 Q711 Q717
QN01 Q721
Q724
Q702 Q710 Q714 Q720
QN03 Q706
Q716
Q802 Q801
Q704 Q708 Q712 Q718
QN02 Q722
QN05 QN06
QN07 Q762
Q751 Q755 Q757 Q760
QN08 Q753
Q758
Q752 Q754 Q756 Q759
QN51 Q761
CAUTION:
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH THE SAME TYPE FUSE.
ATTENTION:
AFIN D'ASSURER UNE PROTECTION PERMANENTE CONTRE LES RISQUES D'INCENDIE, REMPLACER UNIQUEMENT PAR UN FUSIBLE DE MEME TYPE FUSE.
5A 125V
P704
WA261J100-2
MAIN/SUPPLY (RMA/RPS)
J710
J711
J712
J709
J708
J707
C802
C803
C805
C806
C809
C810
IDL.ADJ
A1859/B1353
C4883/D2033
A1302/A1265
C3419
C3281/C3182

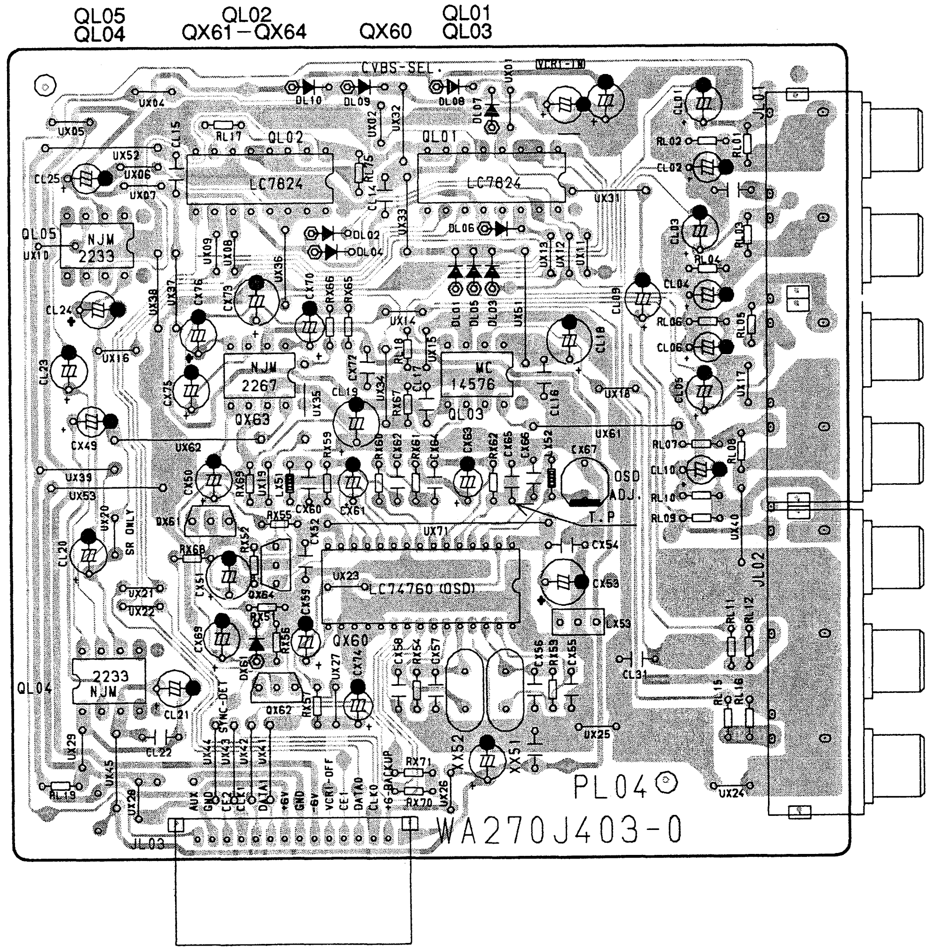
PL04-Video Selector P.C.Board (SR870 only)


QL05
QL04
QL02
QX61 – QX64
QX60
QL01
QL03
CVBS-SEL
LC7824
NJM 2233
NJM 2267
MC 14576
LC74760 (OSD)
OSD ADJ.
T.P
QL04
JL02
JL03
PL04
WA261J403-0

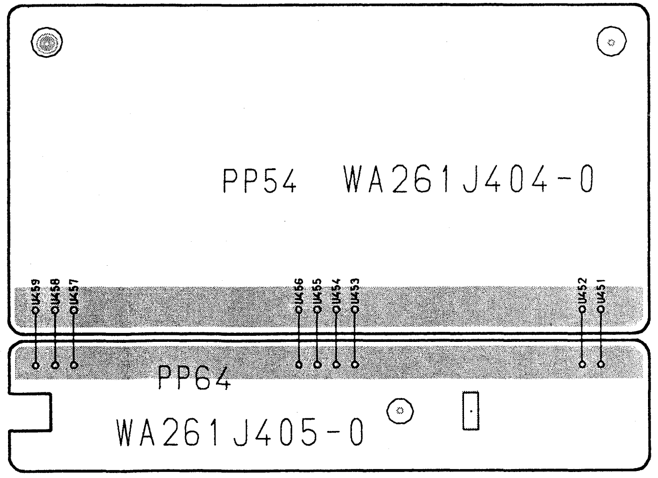
P754-SPK Terminal P.C.Board


P754
WA261J402-0
C
CGND
J751
SR
SL
SGND
SGND
FGND
FGND
FL
FR
J704
J703
FL
FGND
FGND
FR
CGND
C
SL
SGND
SGND
SR

PL04-Video Selector P.C.Board (SR770 only)

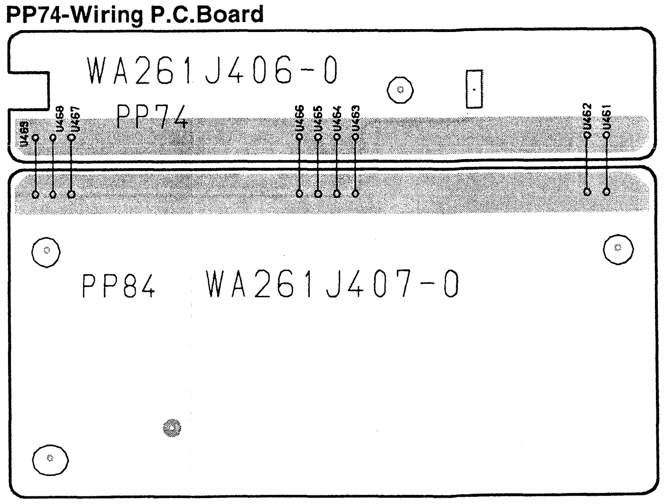

QL05
QL04
QL02
QX61 – QX64
QX60
QL01
QL03
CVBS-SEL
LC7824
NJM 2233
NJM 2267
MC 14576
LC74760 (OSD)
OSD ADJ.
T.P
QL04
JL02
JL03
PL04
WA270J403-0

PP54-Wiring P.C.Board


PP54
WA261J404-0
PP64
WA261J405-0

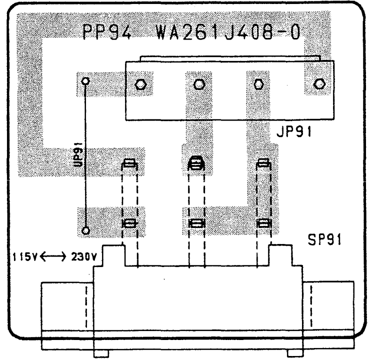
PP64-Wiring P.C.Board

PP74-Wiring P.C.Board

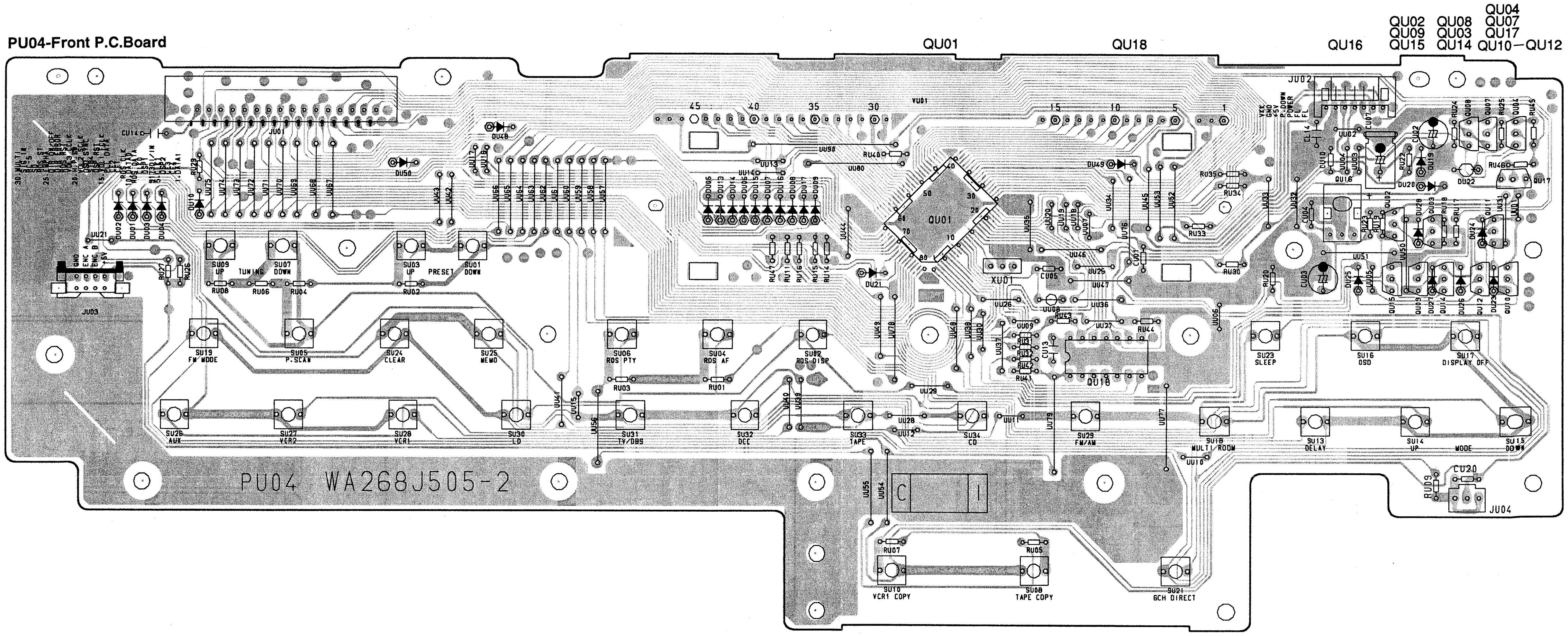

WA261J406-0
PP74
PP84
WA261J407-0

PP84-Wiring P.C.Board

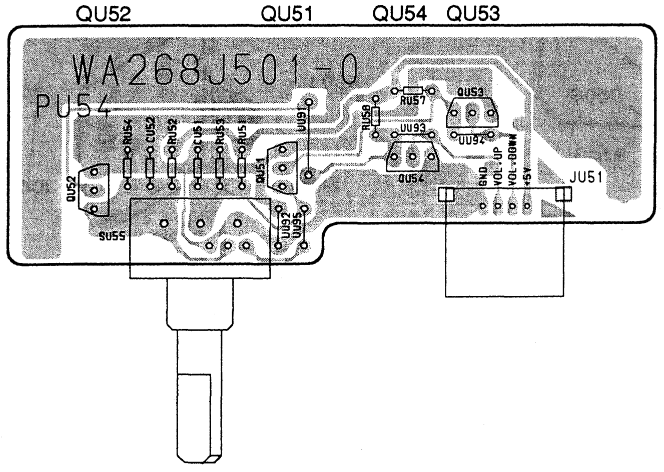
PP94-Vol-Sel P.C.Board (K version only)


PP94 WA261J408-0
JP91
SP91
115V ⟷ 230V

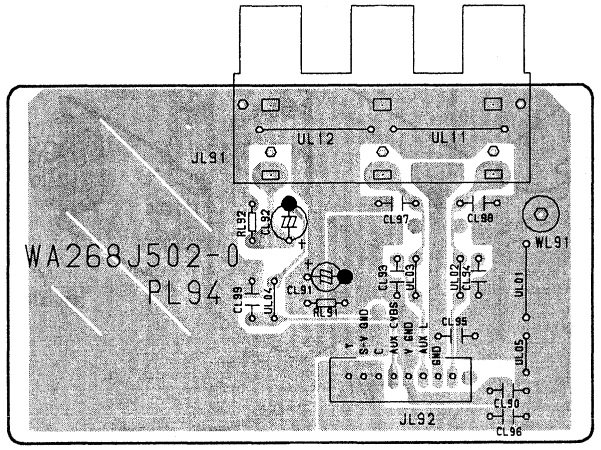
PU04-Front P.C.Board


QU01
QU18
QU16
QU02 QU09 QU15
QU08 QU03 QU14
QU04 QU07 QU17 QU10—QU12
JU01
JU02
JU03
JU04
QU01
QU18
XU01
SU09 UP
TUNING
SU07 DOWN
SU03 UP
PRESET
SU01 DOWN
SU19 FM MODE
SU05 P.SCAN
SU24 CLEAR
SU25 MEMO
SU06 RDS PTY
SU04 RDS AF
SU02 RDS DISP
SU23 SLEEP
SU16 OSD
SU17 DISPLAY OFF
SU26 AUX
SU27 VCR2
SU28 VCR1
SU30 LD
SU31 TV/DBS
SU32 DCC
SU33 TAPE
SU34 CD
SU29 FM/AM
SU18 MULTI ROOM
SU13 DELAY
SU14 UP
MODE
SU15 DOWN
SU10 VCR1 COPY
SU08 TAPE COPY
SU21 6CH DIRECT
CU20
PU04 WA268J505-2

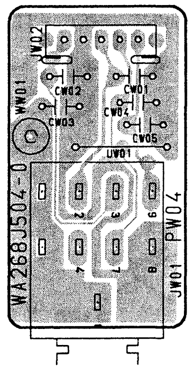
PU54-Master Vol P.C.Board


QU52
QU51
QU54
QU53
WA268J501-0
PU54
JU51
SU55

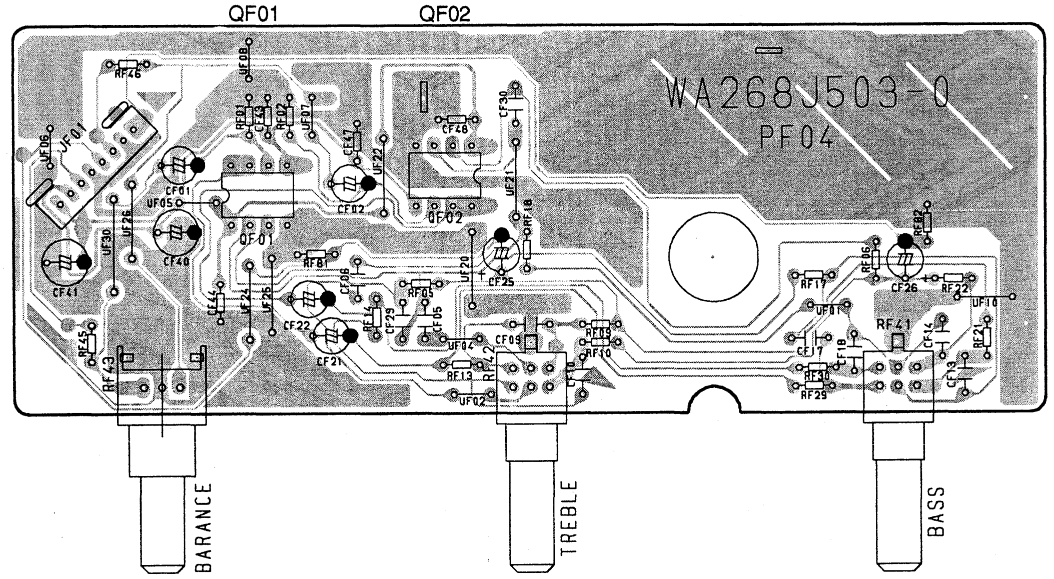
PL94-Aux In P.C.Board


WA268J502-0
PL94
JL91
JL92
UL12
UL11
WL91

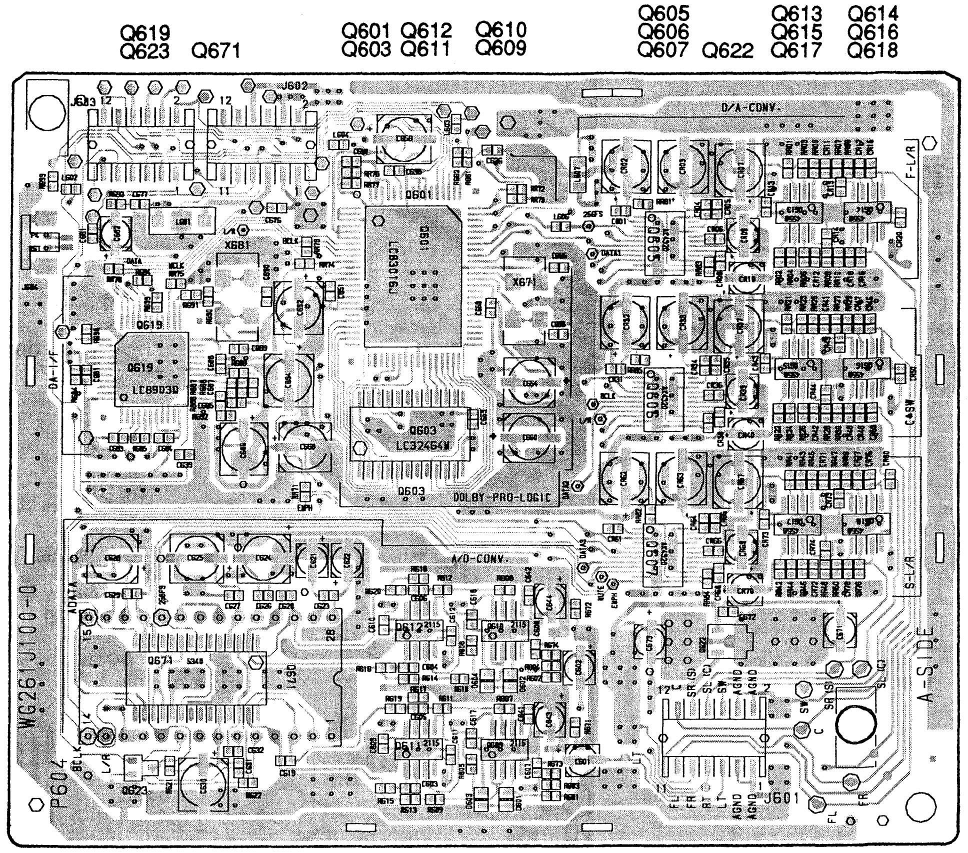
PW04-H.P. P.C.Board


WA268J504-0
PW04
JW01
JW02
WW01

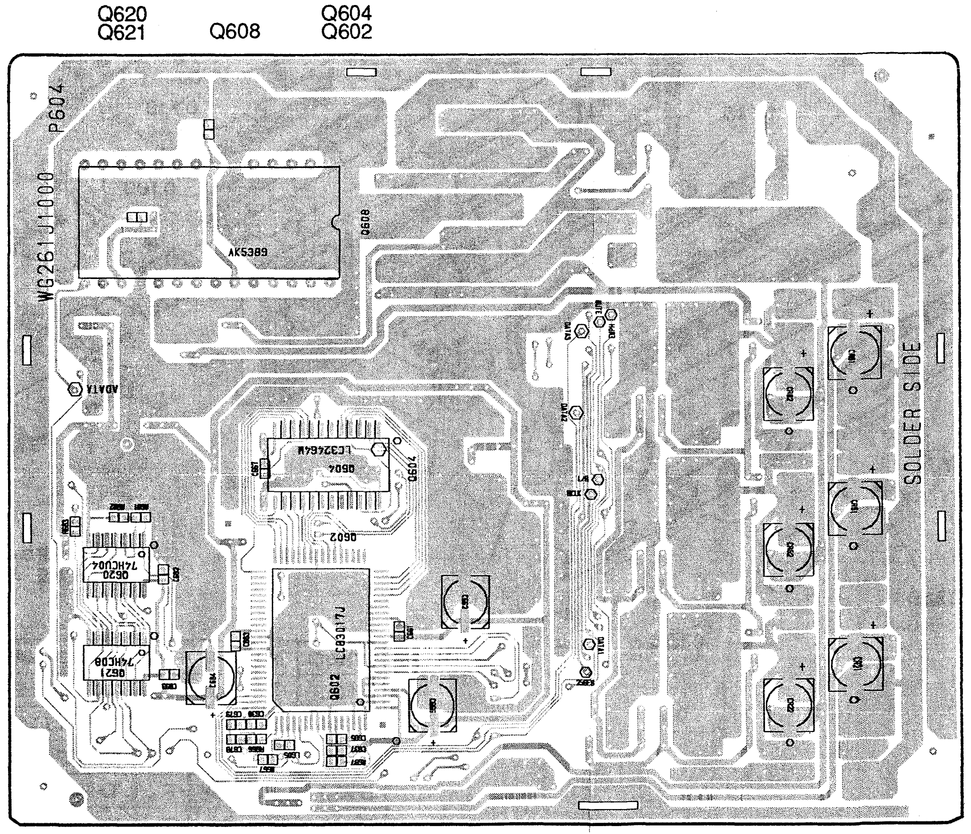
PF04-Tone P.C.Board


QF01
QF02
WA268J503-0
PF04
BARANCE
TREBLE
BASS

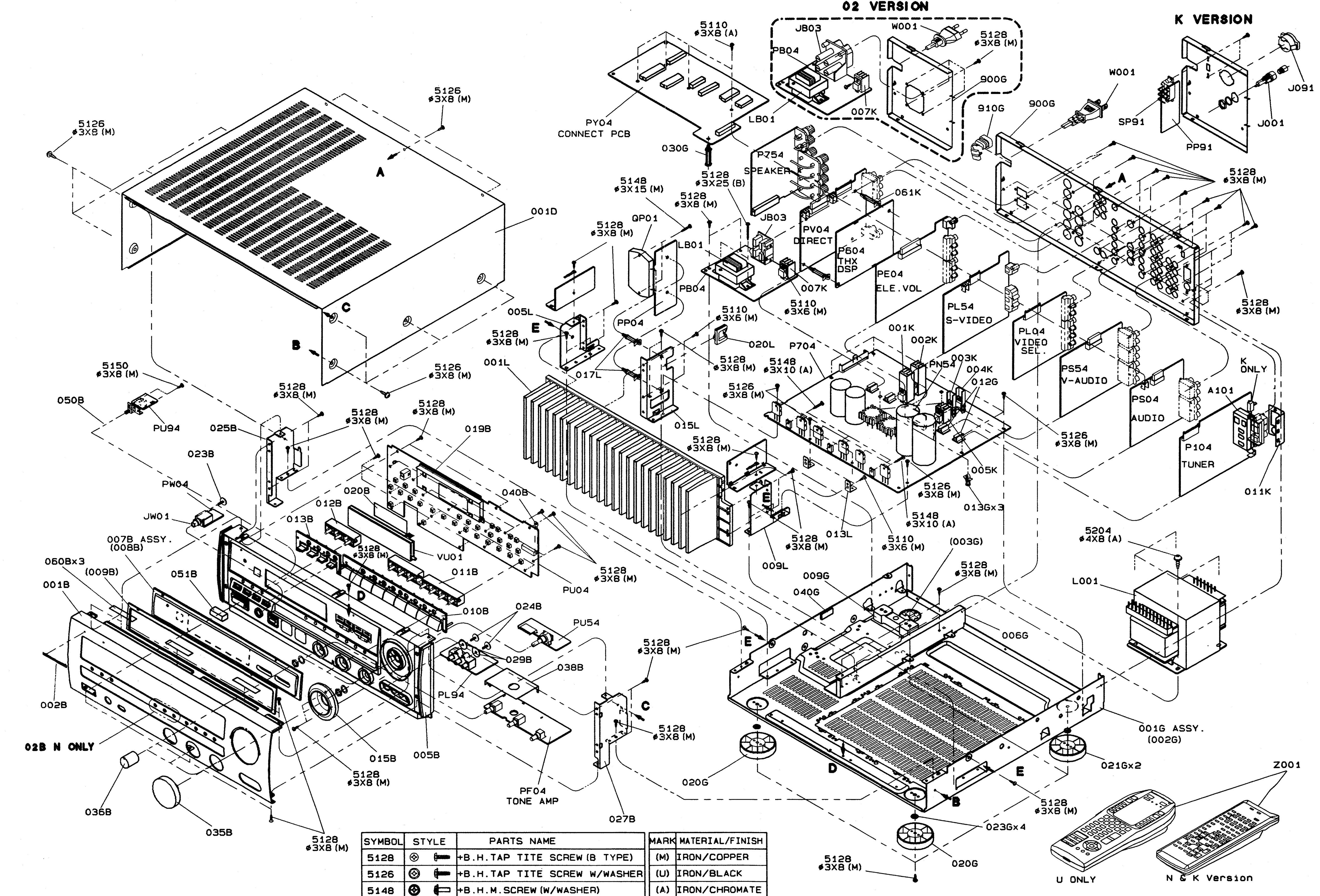
P604-THX Pro-Logic DSP P.C.Board (Component Side)


Q619
Q623
Q671
Q601
Q603
Q612
Q611
Q610
Q609
Q605
Q606
Q607
Q622
Q613
Q615
Q617
Q614
Q616
Q618
D/A-CONV.
A/D-CONV.
DOLBY-PRO-LOGIC
WG261J100-0
P604
A-SIDE
J601

P604-THX Pro-Logic DSP P.C.Board (Soldering Side)


Q620
Q621
Q608
Q604
Q602
P604
WG261J100-0
AK5389
SOLDER SIDE

5. EXPLODED VIEW AND PARTS LIST


02 VERSION
K VERSION
5126
ø3X8 (M)
5126
ø3X8 (M)
A
001D
C
B
5126
ø3X8 (M)
5110
ø3X8 (A)
PY04
CONNECT PCB
030G
5128
ø3X25 (B)
JB03
PB04
LB01
W001
5128
ø3X8 (M)
900G
007K
W001
910G
900G
SP91
PP91
J091
J001
P754
SPEAKER
5148
ø3X15 (M)
5128
ø3X8 (M)
QP01
5128
ø3X8 (M)
LB01
JB03
PV04
DIRECT
061K
P604
THX
DSP
PE04
ELE.VOL
PB04
007K
5110
ø3X6 (M)
A
5128
ø3X8 (M)
5128
ø3X8 (M)
PL54
S-VIDEO
PL04
VIDEO
SEL.
005L
E
5128
ø3X8 (M)
PP04
5110
ø3X6 (M)
020L
001K
002K
PN54
003K
004K
012G
P704
5128
ø3X8 (M)
5148
ø3X10 (A)
5126
ø3X8 (M)
PS54
V-AUDIO
PS04
AUDIO
K
ONLY
A101
001L
017L
015L
5126
ø3X8 (M)
P104
TUNER
011K
5150
ø3X8 (M)
050B
PU94
5128
ø3X8 (M)
025B
5128
ø3X8 (M)
5128
ø3X8 (M)
019B
023B
PW04
JW01
5128
ø3X8 (M)
E
005K
013Gx3
5126
ø3X8 (M)
5148
ø3X10 (A)
013L
5110
ø3X6 (M)
5128
ø3X8 (M)
009L
020B
012B
040B
013B
007B ASSY.
(008B)
060Bx3
(009B)
001B
051B
5128
ø3X8 (M)
VU01
011B
5128
ø3X8 (M)
PU04
D
010B
024B
PU54
029B
038B
PL94
002B
02B N ONLY
015B
005B
5128
ø3X8 (M)
036B
035B
5128
ø3X8 (M)
PF04
TONE AMP
027B
5128
ø3X8 (M)
C
5128
ø3X8 (M)
(003G)
5128
ø3X8 (M)
009G
040G
5204
ø4X8 (A)
L001
006G
5128
ø3X8 (M)
E
001G ASSY.
(002G)
021Gx2
020G
D
E
B
5128
ø3X8 (M)
023Gx4
020G
5128
ø3X8 (M)
Z001
U ONLY
N & K Version

SYMBOL	STYLE	PARTS NAME
5128	⊕	+B.H.TAP TITE SCREW (B TYPE)
5126	⊕	+B.H.TAP TITE SCREW W/WASHER
5148	⊕	+B.H.M.SCREW (W/WASHER)
5150	⊕	+F.H.TAP TITE SCREW (B TYPE)
5110	⊕	+B.H.M.SCREW
5204	⊕	+H.H.TAPT.BOLTS WITH FLANGE (S TITE)

MARK	MATERIAL/FINISH
(M)	IRON/COPPER
(U)	IRON/BLACK
(A)	IRON/CHROMATE

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
001B	KBL		FRONT PANEL, ALMI [SR870]	268J248010
001B	KBL		FRONT PANEL, ALMI [SR770]	2702248010
001B	KGL		FRONT PANEL, ALMI [SR870]	268J248110
001B	/02B	4822 459 04259	FRONT PANEL, ALMI [SR870]	268J248020
001B	/02B	4822 459 04442	FRONT PANEL, ALMI [SR770]	270J248020
001B	UBL		FRONT PANEL, ALMI [SR870]	268J248010
001B	UBL		FRONT PANEL, ALMI [SR770]	270J248010
002B	BLACK	4822 459 11172	BADGE, MARANTZ (BLACK)	185J251010
002B	GOLD	4822 459 11173	BADGE, MARANTZ (GOLD)	185J251110
005B	BLACK	4822 464 10183	CHASSIS, FRONT MOLD (BL)	268J105010
005B	GOLD		CHASSIS, FRONT MOLD (GL)	268J105110
007B	BLACK	4822 450 10172	WINDOW, ASSY (BLACK)	261J158550
007B	GOLD		WINDOW, ASSY (GOLD)	261J158560
008B			WINDOW,	261J158080
009B	BLACK		ESCUTCHEON, WINDOW(BL)	261J063020
009B	GOLD		ESCUTCHEON, WINDOW(GL)	261J063120
010B	BLACK	4822 410 10638	BUTTON, FUNCTION HINGE(BLACK)	261J270210
010B	GOLD		BUTTON, FUNCTION HINGE(BLACK)	261J270310
011B	BLACK	4822 410 10639	BUTTON, MEMO HINGE(BLACK)	261J270020
011B	GOLD		BUTTON, MEMO HINGE(GOLD)	261J270120
012B	BLACK	4822 410 10641	BUTTON, OSD HINGE(BLACK)	261J270030
012B	GOLD		BUTTON, 0SD HINGE(GOLD)	261J270130
013B	BLACK	4822 410 10642	BUTTON, MODE HINGE(BLACK)	261J270040
013B	GOLD		BUTTON, MODE HINGE(GOLD)	261J270140
015B	BLACK	4822 454 13137	ESCUTCHEON, VOL.(BLACK)	261J063010
015B	GOLD		ESCUTCHEON, VOL.(GOLD)	261J063110
019B		4822 256 92097	HOLDER, FL	183J271020
020B		4822 459 11158	STICKER, ADHESIVE FOR FL	056J122010
023B			SCREW, PHONE PCB +MOLD CHASSIS	183J010010
024B			SCREW, RCA PCB +MOLD CHASSIS	183J010010
025B			BRACKET, FRONT L SIDE	261J160010
027B			BRACKET, FRONT R SIDE	261J160020
029B			WASHER, D=16 T=0.5	261J012010
035B	BLACK	4822 410 10643	KNOB, MAIN VOL(BLACK)	261J154010
035B	GOLD		KNOB, MANI VOL(GOLD)	261J154110
036B	BLACK	4822 413 41589	KNOB, TONE VOL(BLACK)	090J154010
036B	GOLD	4822 413 41821	KNOB, TONE VOL(GOLD)	090J154110
050B		4822 404 21012	JOINT, POWERJOINT	025J125010
051B	BLACK	4822 410 62744	BUTTON, POWER SW	285K270010
051B	GOLD	4822 462 72053	BUTTON, POWER SW(GOLD)	285K270110
001D	BLACK		LID, TOP COVER BLACK	264J257110
001D	GOLD		LID, TOP COVER (GOLD)	264J257120
020G		4822 462 42045	LEG, LEG,GOLD HOT STAMP	183J057010
021G		4822 462 42048	LEG, LEG,GOLD HOT STAMP	183J057110
910G		4822 532 60948	BUSHING, AC CODE 2271	450H259010
⚠ F001	K [SR870]		FUSE, 4A 250V BS LISTED [SR870]	FS10400850
⚠ F001	K [SR770]		FUSE, 2.5A 250V BS LISTED [SR770]	FS10250850
⚠ J001	K		JACK, FUSE HOLDER	YJ08000290
J091	K		VOLT.SELECT.,	BY05060090

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
⚠ L001	K [SR870]		POWER TRANSF., 4 VOLTAGE [SR870]	TS60513070
⚠ L001	K [SR770]		POWER TRANSF., 4 VOLTAGE [SR770]	TS19637030
⚠ L001	/02B [SR870]	4822 146 10583	POWER TRANSF., 230V [SR870]	TS60513060
⚠ L001	/02B [SR770]	4822 146 10715	POWER TRANSF., 230V [SR770]	TS19637020
⚠ L001	UBL [SR870]		POWER TRANSF., 120V [SR870]	TS60513050
⚠ L001	UBL [SR770]		POWER TRANSF., 120V [SR770]	TS19637010
L002	/02B	4822 529 10357	FERRITE CORE, ESD-R-38B	FC50380010
RU55		4822 117 10158	RES.1Ω ±5% 1/6W	GG05010140
WU01			JUMPER LEAD, SMCD-31X520-ADX8(BL)-P1.25-S4M	YU31520500
⚠ W001	K/02B		A.C POWER CORD,	YC01800790
⚠ W001	UBL		A.C POWER CORD, UL/CSA	YC01800780
			PACKING	
001T	K [SR870]		USER MANUAL, K ENG.ONLY [SR870]	268J851350
001T	K [SR770]		USER MANUAL, K ENG.ONLY [SR770]	270J851350
001T	/02B [SR870]	4822 736 14589	USER MANUAL, N,E 8 LUG. [SR870]	268J851310
001T	/02B [SR770]	4822 736 14921	USER MANUAL, N,E 8 LUG. [SR770]	270J851310
001T	UBL [SR870]		USER MANUAL, U E/F 2LOUG [SR870]	268J851250
001T	UBL [SR770]		USER MANUAL, U E/F 2LOUG [SR770]	270J851250
Z001	K/02B	4822 219 10094	UNIT KIT, REMOTE COMMANDER RC870SR	ZK268J0010
Z001	UBL [SR870]		UNIT KIT,[SR870] REMOTE COMMANDER RC2000	ZK206W0010
Z001	UBL [SR770]		UNIT KIT, [SR770] REMOTE COMMANDER RC2000	ZK206W0010
Z003	K/02B		EXT.ANT., FM ANT.931222R (MAYOR)	ZA02800020
Z003	UBL	4822 303 30314	EXT.ANT., FM	ZA02000070
Z004		4822 157 63083	ANT COIL, LA-700HB AM LOOP	LA00055010
Z005	UBL	4822 264 30265	PLUG, ANT ADAPTOR	YP90000310
Z006	K	4822 267 31647	JACK, AC ADAPTER	YJ04001960
⚠ Z007	SR870 K	4822 253 30243	FUSE, 6.3A 250V BS (F001)	FS10630850
⚠ Z007	SR770 K	4822 253 30243	FUSE,5A 250V BS (F001)	FS10500850

6. SERVICE PROGRAM

1. Tracking point memory

This service program can be use for measurement of the tuner circuit.
When the POWER ON, press the "**PRESET UP**" button while pressing the "**MEMO**" button.
FLD shows "**TRACKING**". Frequencies to be memorized are as follows.

	VERSION	P1	P2	P3	P4
FM	**02B,U,K**	90.0	98.0	106.0	87.5
	JAPAN	78.0	83.0	88.0	76.0

	SCAN STEP	P5	P6	P7	P8	P9	P10	P11	P12~ P30
AM	**10 KHz**	600.0	1000.0	1400.0	520.0	←	←	←	←
	9 KHz	603.0	999.0	1404.0	531.0	←	←	←	←
	MW/LW	↑	↑	↑	171.0	207.0	270.0	152.0	531.0

2. FLD segment luminous

This service program can be luminous all segments by following step.
When the POWER ON, press the "**FM/AM(TUNER)**" button while pressing the "**MEMO**" button.
When finish the following procedure this service program should be stop.

Luminous procedure

1. All segments luminous 5 seconds.
2. At the grid "1G", segments luminous following procedure.

① KHz → ② MHz → ③ R → ④ PEAK → ⑤ L → ⑥ MULTI → ⑦ MONO → ⑧ MATRIX →
⑨ HALL → ⑩ P-SCAN → ⑪ TAPE → ⑫ COPY → ⑬ VCR1 → ⑭ SLEEP → ⑮ DISP → ⑯ TX

3. At the grid "2G" to "11G", each one segment luminous step by step.
4. At the grid "12G", segments luminous following procedure.

① VISUAL → ② SIGNAL LEVEL → ③ CH → ④ SIGNAL BAR (LEFT SIDE) →
⑤ SIGNAL BAR (2nd LEFT) → ⑥ SIGNAL BAR (CENTER) → ⑦ SIGNAL BAR (2nd RIGHT) →
⑧ SIGNAL BAR (RIGHT SIDE) → ⑨ STEREO → ⑩ THX CINEMA → ⑪ PRO.LOGIC →
⑫ MOVIE → ⑬ AUTO MEMO → ⑭ 3.LOGIC → ⑮ SIMUL'D → ⑯SURROUND

3. All clear

This service program can be clear all memorized operations and functions.
When the POWER ON, press the "**CLEAR**" button while pressing the "**MEMO**" button. FLD shows "**CLEAR MEMO**" and power will be OFF.

4. Volume reset

This service program can be reset "MASTER VOLUME LEVEL" and "CHANNEL OUTPUT LEVEL" to initial level. (MASTER VOLUME : -61dB, CHANNEL LEVEL : 0dB)
When the POWER ON, transmit the reset code "**163731**" continually more than 3 seconds by remote control unit(RC500AV or other multi remote controller). FLD shows "**VOL RST**".

7. ELECTRICAL ADJUSTMENT

1. Main amp idling current adjustment

1) With the power OFF, set semi – fixed resistor R743 (Lch), R744 (Rch), R786 (Center ch) on the PC board (PV04) to the center position.
2) Connect a digital voltmeter, set for the DC range, between the emitter resister [R759 (Lch), R760 (Rch), R794 (Center ch)] on the PC board (PV04).
3) After the above, adjust the idling current as follows:
   Turn the power ON and adjust semi – fixed resistor R743 (Lch), R744 (Rch), R786 (Center ch) while observing the digaital multimeter indication.
   * The target value is 7.2 mV (20 mA).

[Reference]

When a set whose idling current has been adjusted is switched on with after 1 minute it reaches about 2.7 – 3.5 mV. After 10 minutes, it reaches a balanced state and stabilizes at 7.2 mV (target). Therefore, it the adjustment is made 30 second after the power is switched on, adjust to 1.3 – 1.8 mV. In the same way, if 1 minute have passed since the power was swithced on, adjust to 2.7 – 3.5 mV. From 1 to 2 minutes, adjust to 3.9 – 4.2 mV. From 2 to 4 minutes, adjust to 4.8 – 6.4 mV. From 4 to 7 minutes, adjust to 5.7 – 7.3 mV. After more than 7 minutes since the power was switched on, adjust to the setting of 5.8 – 7.4 mV.
Here is a reference table for the adjustment values.

Time since power switched on	Idling current adjustment
30 second	1.3 – 1.8 mV
1 minute	2.7 – 3.5 mV
1 – 2 minutes	3.9 – 4.2 mV
2 – 4 minutes	4.8 – 6.4 mV
4 – 7 minutes	5.7 – 7.3 mV
More than 7 minutes	5.8 – 7.4 mV

2. Main amp DC offset adjustment

1) With the power OFF, connect a digital voltmeter, set for the DC range, to the speaker terminal.
2) After the above, adjust the idling current as follows:
   Turn the power ON and adjust RN63 (Lch), RN64 (Rch), RN70 (Center ch) so that the output is ±40 mV.

ALIGNMENT PROCEDURES

1. AM IF Adjustment

Step	Input Signal Source Connection	Signal Frequency	Source Signal Output Level and Modulation	Reception Frequency	Adjustment Point	Adjustment Value
1	Signal generator output to transmission *loop antenna. (*:Standard required loop)	999 KHz (/02B,K) 1000 KHz (USA)	Level 300 µV/m (50dB/m) Mod. 400 Hz 30%	Tuning point	LA06	Output level (L or R) **Maximum** at TAPE-OUT

REMARK: For receiving antenna, the adapted one is available.

This adjustment is not necessary normally, because the coil LA06 is preset by the original supplier.

It is necessary when the incorrect usable sense and frequency response.

2. AM Tracking Adjustment (MW)

Step	**Input Signal Source Connection	Signal Frequency	Source Signal Output Level and Modulation	Reception Frequency	Adjustment Point	Adjustment Value
1	Signal generator output to transmission *loop antenna. (*:Standard required loop)	603 KHz (/02B,K) 600 KHz (USA)	Level 300 - 400 µV/m Mod. 400 Hz 30%	603 KHz (/02B,K) 600 KHz (USA)	LA01	Output level (L or R) Maximum at TAPE-OUT
2		1404 KHz (/02B,K) 1400 KHz (USA)	Level 300 - 400 µV/m Mod. 400 Hz 30%	1404 KHz (/02B,K) 1400 KHz (USA)	CA01	Output level (L or R) Maximum at TAPE-OUT
3	Repeat step 1 and 2 until sensitivity be maximized.					

3. AM Tracking Adjustment (LW)

Step	**Input Signal Source Connection	Signal Frequency	Source Signal Output Level and Modulation	Reception Frequency	Adjustment Point	Adjustment Value
1	Signal generator output to transmission *loop antenna. (*:Standard required loop)	171 KHz	Level 300 - 400 µV/m Mod. 400 Hz 30%	171 KHz	LA03	Output level (L or R) **Maximum** at TAPE-OUT
2		270 KHz	Level 300 - 400 µV/m Mod. 400 Hz 30%	270 KHz	CA08	Output level (L or R) **Maximum** at TAPE-OUT
3	Repeat step 1 and 2 until sensitivity be maximized.					

4. AM auto stop Adjustment

Step	Input Signal Source Connection	Signal Frequency	Source Signal Output Level and Modulation	Reception Frequency	Adjustment Point	Adjustment Value
1	Signal generator output to transmission *loop antenna. (*:Standard required loop)	999 KHz (/02B,K) 1000 KHz (USA)	500 µV/m (54 dB/m)	999 KHz (/02B,K) 1000 KHz (USA)	RA11	**"TUNED"** indicate on FLD
2			1000 µV/m (60 dB/m)	AUTO SCAN	Only Confirm	**"TUNED"** indicate on FLD

REMARK: This adjustment is related to the FM muting Level Adjustment. The FM muting Level re-adjustment is necessary after this adjustment.

5. FM MONO. Distortion Adjustment

Step	Input Signal Source Connection	Signal Frequency	Source Signal Output Level and Modulation	Reception Frequency	Adjustment Point	Adjustment Value
1	Signal generator output to FM antenna terminal. (75 ohm)	98 MHz	500 µV (54 dB) MONO 1 KHz / Dev.40KHz 53.3% (/02B,K) MONO 1KHz / Dev. 75KHz 100% (USA)	98 MHz (P2)	L201	Distortion level **Minimum** at TAPE-OUT

6. FM Muting Level Adjustment

Turn the variable resistor **R212** to no indication ("TUNED") point. And return that valuable resistor in opposite to the "**TUNED**" indicate point.

Step	Input Signal Source Connection	Signal Frequency	Source Signal Output Level and Modulation	Reception Frequency	Adjustment Point	Adjustment Value
1	Signal generator output to FM antenna terminal. (75 ohm)	98 MHz	10 µV (20 dB) MONO 1 KHz / Dev.40KHz 53.3% (/02B,K) MONO 1KHz / Dev. 75KHz 100% (USA)	98 MHz (P2)	R212	**"TUNED"** indicate on FLD
2			Over mentioned level **+3 dB**	AUTO SCAN	Only Confirm	**"TUNED"** indicate on FLD

REMARK: This adjustment is related to the AM auto stop Adjustment. This adjustment is necessary after AM auto stop adjustment.

7. FM STEREO Distortion Adjustment

Adjust the **L channel** with the RF signal modulated only **L channel** first and confirm the **R channel** with the RF signal modulated only **R channel**.

Step	Input Signal Source Connection	Signal Frequency	Source Signal Output Level and Modulation	Reception Frequency	Adjustment Point	Adjustment Value
1	Signal generator output to FM antenna terminal. (75 ohm)	98 MHz	500 µV (54 dB) L or R 1KHz / Dev. 40KHz 53.3% PILOT 19KHz / Dev. 6KHz 8% (/02B,K)	98 MHz (P2)	IF COIL in FRONT END	Distortion level **Minimum** at TAPE-OUT
2			L or R 1KHz / Dev. 67.5KHz 90% PILOT 19KHz / Dev. 6.75KHz 9% (USA)		R218	Distortion level **Minimum** at TAPE-OUT

REMARK: Adjustment with **R128** is not necessary when the distortion level is less than 0.5% with adjusting IF coil.

8. FM STEREO Separation Adjustment

Step	Input Signal Source Connection	Signal Frequency	Source Signal Output Level and Modulation	Reception Frequency	Adjustment Point	Adjustment Value
1	Signal generator output to FM antenna terminal. (75 ohm)	98 MHz	same specification as **FM STEREO distortion adjustment.** Input only **L** channel.	98 MHz (P2)	R211	Output level **Minimum** at TAPE-OUT channel **R**
2		98 MHz	same specification as **FM STEREO distortion adjustment.** Input only **R** channel.	98 MHz (P2)	R211	Output level **Similar** as Rch at TAPE-OUT channel **L**

9. On Screen Display VCO Adjustment

Step	Input Signal Source and Connection	Measuring position	Measuring equipment	Input selector	Adjustment Point	Adjustment Value
1	Color bar or other standard video signal. Video signal generator output to LD video input.	IC QX60 26pin and GND.	DC voltmeter (Impedance > 10k ohm/V)	LD	CX67	2.5V +-0.1V

REMARK: Connect the TV monitor to the monitor output terminal of the product.

8. ELECTRICAL PARTS LIST

ASSIGNMENT OF COMMON PARTS CODES.

RESISTOR
R*** : 1) GD05 x x x 140, Carbon film fixed resistor, ±5% 1/4W
R*** : 2) GD05 x x x 160, Carbon film fixed resistor, ±5% 1/6W
① —— Resistance value

Examples :
① Resistance value
0.1Ω...001 10Ω...100 1kΩ...102 100kΩ...104
0.5Ω...005 18Ω...180 2.7kΩ...272 680kΩ...684
1Ω...010 100Ω...101 10kΩ...103 1MΩ...105
6.8Ω...068 390Ω...391 22kΩ...223 4.7MΩ...475

(Note) Please distinguish 1/4W from 1/6W by the shape of parts used actually.

C*** : CERAMIC CAP.
1) DD1x x x x 370, Ceramic capacitor
Disc type
Temp.coeff.P350~N1000,50V
① ②
② Capacity value
① Tolerance

Examples
① Tolerance (Capacity deviation)
±0.25pF ... 0
±0.5pF ... 1
±5% ... 5

* Tolerance of COMMON PARTS handled here are as follows :
0.5pF~ 5pF...±0.25pF
6pF~ 10pF...±0.5pF
12pF~ 560pF...±5%

② Capacity value
0.5pF...005 3pF...030 100pF...101
1pF...010 10pF...100 220pF...221
1.5pF...015 47pF...470 560pF...561

C*** : CERAMIC CAP.
1) DK16 x x x 300, High dielectric constant ceramic capacitor
Disc type
Temp.chara. 2B4, 50V
① —— Capacity value

Examples
① Capacity value
100pF...101 1000pF...102 10000pF...103
470pF...471 2200pF...222

C*** : ELECTROLY CAP.(⫳), FILM CAP.(╪)
1) EA x x x x x x 10, Electrolytic capacitor
One-way lead type, Tolerance ±20%
① ②
② Working voltage
① Capacity value

Examples
① Capacity value
0.1μF...104 4.7μF...475 100μF...107
0.33μF...334 10μF...106 330μF...337
1μF...105 22μF...226 1100μF...118
2200μF...228

② Working voltage
6.3V...006 25V...025
10V...010 35V...035
16V...016 50V...050

2) DF15 x x x 350 ┬→ Plastic film capacitor
DF15 x x x 310 ┘ One-way type, Mylar ±5% 50V
DF16 x x x 310 → Plastic film capacitor
One-way type, Mylar ±10% 50V
① —— Capacity value

Examples
① Capacity value
0.001μF(1000pF)...102 0.1μF...104
0.0018μF............182 0.56μF...564
0.01μF............103 1μF...105
0.015μF............153

NOTE : 1) The above CODES (R***,R***,C***,C*** and (C***) are omitted on the schematic diagram in some case.
2) On the occasion, be confirmed the common parts on the parts list.
3) Refer to "Common Parts List" for the other common parts(**RI05, DD4, DK4**).

NOTE ON SAFETY FOR FUSIBLE RESISTOR :

The suppliers and their type numbers of fusible resistors are as follows ;

1. KOA Corporation

Part No.	Type No.	Description
NH05 x x x 140	→ RF25S x x x x ΩJ	(±5% 1/4W)
NH05 x x x 120	→ RF50S x x x x ΩJ	(±5% 1/2W)
NH85 x x x 110	→ RF73B2A x x x x ΩJ	(±5% 1/10W)
NH95 x x x 140	→ RF73B2E x x x x ΩJ	(±5% 1/4W)

└ * Resistance value └ Resistance value (0.1-10kΩ)

2. Matsushita Electronic Components Co., Ltd

Part No.	Type No.	Description
NF05 x x x 140 RF05 x x x 140	→ ERD-2FCJ x x x	(±5% 1/4W)
NF02 x x x 140 RF02 x x x 140	→ ERD-2FCG x x x	(±2% 1/4W)

└ * Resistance value └ * Resistance value

Examples :
* Resistance value
0.1Ω...001 10Ω...100 1kΩ...102 100kΩ...104
0.5Ω...005 18Ω...180 2.7kΩ...272 680kΩ...684
1Ω...010 100Ω...101 10kΩ...103 1MΩ...105
6.8Ω...068 390Ω...391 22kΩ...223 4.7MΩ...475

ABBREVIATION AND MARKS

1	ANT.	:	ANTENNA	2	BATT.	:	BATTERY
3	CAP.	:	CAPACITOR	4	CER.	:	CERAMIC
5	CONN.	:	CONNECTING	6	DIG.	:	DIGITAL
7	HP	:	HEADPHONE	8	MIC.	:	MICROPHONE
9	μ-PRO	:	MICROPROCESSOR	10	REC.	:	RECORDING
11	RES.	:	RESISTOR	12	SPK	:	SPEAKER
13	SW	:	SWITCH	14	TRANSF.	:	TRANSFORMER
15	TRIM.	:	TRIMMING	16	TRS.	:	TRANSISTOR
17	VAR.	:	VARIABLE	18	X'TAL	:	CRYSTAL
19				20			
21				22			
23				24			
25				26			
27				28			
29				30			

NOTE ON SAFETY :

Symbol ⚠ Fire or electrical shock hazard. Only original parts should be used to replaced any part marked with symbol ⚠. Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

安全上の注意：

⚠がついている部品は、安全上重要な部品です。必ず指定されている部品番号の部品を使用して下さい。

SM950509KI

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			PB04-BACK-UP CIRCUIT BOARD	
			PB04-CAPACITORS	
CB07		4822 122 30043	CER., 0.01 µF +80% -20% 50V	DK18103310
CB08		4822 122 30043	CER., 0.01 µF +80% -20% 50V	DK18103310
⚠ CB09		4822 122 33276	CER., SPERK KILLER 0.01UF	DK17103840
			PB04-CAPACITORS (COMMON)	
C***			ELECTROLYTIC CAP. TYPE,TOLERANCE ±20%: CB01-CB03,CB05,CB06,CB10	
			PB04-RESISTORS	
⚠ RB01		4822 052 10109	10Ω ±5% 1/4W	GG05100140
RB03		4822 053 10471	470Ω ±5% 1W	GA05471010
⚠ RB07	UBL		2.2MΩ ±10% 1/2W	RC10225820
			PB04-RESISTORS (COMMON)	
R***			CARBON FILM FIXED RES., ±5% 1/6W:RB04,RB05,RB08	
			PB04-SEMICONDUCTORS	
DB01 | DB04		4822 130 82421	DIODE, 1D3 1A/200V	HD20002710
DB05		4822 130 81729	ZENER DIODE, MTZJ33D 33V	HD33301000
DB06		4822 130 80273	ZENER DIODE, NTJ8.2C 8.2V	HD30821000
DB07		4822 130 82421	DIODE, 1D3 1A/200V	HD20002710
DB08		4822 130 82421	DIODE, 1D3 1A/200V	HD20002710
⚠ QB01		4822 209 31927	IC, PQ05RR1 5V 1A W/RESET	HC38905320
⚠ QB02		4822 130 62335	TRS., 2SD2033(E) 120V 1.8W	HT420331E0
			PB04-MISCELLANEOUS	
⚠ FB01	SR870 /02B	4822 253 30387	FUSE, 4 A 250V BS LISTED	FS10400850
⚠ FB01	SR770 /02B	4822 070 32502	FUSE, T2.5 A 250V SEMKO/BS	FS10250850
⚠ FB01	SR870 U		FUSE, 8A 125V SM U/C/D	FS10800540
⚠ FB01	SR770 U		FUSE, 5A 125V SM5 UL/CSA	FS10500540
⚠ FB02	/02B	4822 252 11189	FUSE, T2.5A 250V NO.19372	FS20250200
⚠ FB03	/02B	4822 252 11189	FUSE, T2.5A/250V NO.19372	FS20250200
⚠ JB03	/02B	4822 267 31952	JACK, AC OUTLET 2P (N)	YJ04002080
⚠ JB03	UBL		JACK, 2P AC OUTLET	YJ04002040
⚠ LB01	K		POWER TRANSF., 115/230V	TS14823250
⚠ LB01	/02B	4822 146 10582	POWER TRANSF., BACK UP	TS14823240
⚠ LB01	UBL		POWER TRANSF., BACK UP	TS14823230
⚠ LB02		4822 280 80773	RELAY, VS24MB-NR TV-8	LY10240240
			PE04-ELE. VOL CIRCUIT BOARD	
			PE04-CAPACITORS	
CE01		4822 124 90352	ELECT., 10 µF ±20% 16V	OA10601620
CE02		4822 124 90352	ELECT., 10 µF ±20% 16V	OA10601620
CE03 | CE06		4822 124 21894	ELECT., 10 µF/16V	EJ10601610
CE07		4822 124 22274	ELECT., 4.7 µF ±20% 50V	OA47505020
CE08		4822 124 22274	ELECT., 4.7 µF ±20% 50V	OA47505020

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
CE09 | CE12		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE13		4822 124 22274	ELECT., 4.7 µF ±20% 50V	OA47505020
CE14		4822 124 22274	ELECT., 4.7 µF ±20% 50V	OA47505020
CE15		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE16		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE17		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE18		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE19		4822 124 22274	ELECT., 4.7 µF ±20% 50V	OA47505020
CE20		4822 124 22274	ELECT., 4.7 µF ±20% 50V	OA47505020
CE21 | CE24		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE25		4822 124 22274	ELECT., 4.7 µF ±20% 50V	OA47505020
CE26		4822 124 22274	ELECT., 4.7 µF ±20% 50V	OA47505020
CE27		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE28		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE29		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE30		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE31		4822 124 22274	ELECT., 4.7 µF ±20% 50V	OA47505020
CE32		4822 124 22274	ELECT., 4.7 µF ±20% 50V	OA47505020
CE33		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE34		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE35		4822 124 21899	ELECT., 4.7 µF 25V	EJ47502510
CE36		4822 124 23055	ELECT., 22 µF ±20% 16V	EJ22601610
CE41		4822 124 90352	ELECT., 10 µF ±20% 16V	OA10601620
CE42		4822 124 90352	ELECT., 10 µF ±20% 16V	OA10601620
CE43 | CE46		4822 124 21894	ELECT., 10 µF/16V	EJ10601610
CV69 | CV73		4822 124 21894	ELECT., 10 µF/16V	EJ10601610
			PE04-CAPACITORS (COMMON)	
C***			PLASTIC FILM CAP., ±5% 50V:CV51-CV61	
C***			HIGH DIELECTRIC CONSTANT CERAMIC CAP. ±10% 50V: CV63-CV67,CV80-CV85	
			PE04-RESISTORS (COMMON)	
R***			CARBON FILM FIXED RES., ±5% 1/6W:RE01-RE66,RE73-RE80,RV51-RV55,RV57-RV67, RV69-RV88	
			PE04-SEMICONDUCTORS	
QE01		4822 209 83631	IC, NJM4558DD	HC10008090
QE02		4822 209 83631	IC, NJM4558DD	HC10008090
QE03		4822 209 83631	IC, NJM4558DD	HC10008090
QE04		4822 209 31575	IC, TC9213P	HC10304050
QE05		4822 209 31575	IC, TC9213P	HC10304050
QE06		4822 209 31575	IC, TC9213P	HC10304050
QE07 | QE12		4822 209 83631	IC, NJM4558DD	HC10008090
QV51 | QV56		4822 130 43818	TRS., 2SC2878 A/B	HT328782A0
QV57		4822 209 83631	IC, NJM4558D-D	HC10008090

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
QV58		4822 209 83631	IC, NJM4558DD	HC10008090
QV59		4822 209 83631	IC, NJM4558D-D	HC10008090
QV60		4822 130 43818	TRS., 2SC2878 A/B	HT328782A0
			PE04-MISCELLANEOUS	
JV51		4822 265 10738	TERMINAL, 14X14 RA 1L1P GRN NI FLM-GND	YT02010770
JV52		4822 265 10682	TERMINAL, YKC21-3244	YT02030420
JV53		4822 265 10683	TERMINAL, YKC21-3079	YT02021400
JV54		4822 265 10684	TERMINAL, YKC21-3182	YT02011020
LV01	/02B	4822 157 70813	COIL, LAL02TA470J 47UH	LC14733800
LV02	/02B	4822 157 70813	COIL, LAL02TA470J 47UH	LC14733800
LV03	/02B	4822 157 70813	COIL, LAL02TA470J 47UH	LC14733800
UE35	/02B	4822 157 70813	COIL, LAL02TA470J 47UH	LC14733800
UE36	/02B	4822 157 70813	COIL, LAL02TA470J 47UH	LC14733800
			PF04-TONE CIRCUIT BOARD	
			PF04-CAPACITORS	
CF01		4822 124 90352	ELECT., 10µF ±20% 16V	OA10601620
CF02		4822 124 90352	ELECT., 10µF ±20% 16V	OA10601620
CF09		5322 122 32265	CER., 100PF ±5% CH 50V	DD15101300
CF10		5322 122 32265	CER., 100PF ±5% CH 50V	DD15101300
CF21		4822 124 41539	ELECT., 47µF ±20% 16V	OA47601620
CF22		4822 124 41539	ELECT., 47µF ±20% 16V	OA47601620
CF25		4822 124 23055	ELECT., 22µF/16V	EJ22601610
CF26		4822 124 23055	ELECT., 22µF/16V	EJ22601610
CF29	K,U	4822 122 31205	CER., 47PF ±5% CH 50V	DD15470300
CF30	K,U	4822 122 31205	CER., 47PF ±5% CH 50V	DD15470300
CF40		4822 124 90354	ELECT., 100µF ±20% 16V	OA10701620
CF41		4822 124 90354	ELECT., 100µF/16V	OA10701620
CF43 I CF48		4822 122 40588	CER., 0.022µF TP050F223Z	DA17223110
			PF04-CAPACITORS (COMMON)	
C***			PLASTIC FILM CAP., ±5% 50V: CF13,CF14,CF17.CF18	
C* **			HIGH DIELECTRIC CONSTANT CERAMIC CAP. ±10% 50V: CF05,CF06,CF29,CF30	
			PF04-RESISTORS	
RF41		4822 100 11973	VARIABLE, 100KΩ (B) FOR TONE VR	RM01041300
RF42		4822 100 11973	VARIABLE, 100KΩ (B) FOR TONE VR	RM01041300
RF43		4822 100 12007	VARIABLE, RK09L1120 L=20 SPECIAL W	RK01040620
			PF04-RESISTORS (COMMON)	
R***			CARBON FILM FIXED RES., ±5% 1/6W: RF01,RF02,RF05,RF06, RF09, RF10,RF13,RF14,RF17, RF18, RF21,RF22,RF29,RF30,RF45, RF46,RF81,RF82	

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			PF04-SEMICONDUCTORS	
QF01		4822 209 83631	IC, NJM4558D-D	HC10008090
QF02		4822 209 83631	IC, NJM4558D-D	HC10008090
			PL04-VIDEO SELECTER CIRCUIT BOARD	
			PL04-CAPACITORS	
CL01		4822 124 23055	ELECT., 22µF/10V	EJ22601010
CL02		4822 124 21894	ELECT., 10µF/16V	EJ10601610
CL03		4822 124 23055	ELECT., 22µF/10V	EJ22601010
CL04		4822 124 21894	ELECT., 10µF/16V	EJ10601610
CL05		4822 124 23055	ELECT., 22µF/10V	EJ22601010
CL06		4822 124 21894	ELECT., 10µF/16V	EJ10601610
CL09		4822 124 23055	ELECT., 22µF/10V	EJ22601010
CL10		4822 124 21894	ELECT., 10µF/16V	EJ10601610
CL14		4822 122 40617	CER., 50V 0.1µF +80 -20%	DD38104010
CL15		4822 122 40617	CER., 50V 0.1µF +80 -20%	DD38104010
CL16		4822 122 30043	CER., 0.01µF +80% -20% 50V	DK18103310
CL17		4822 122 30043	CER., 0.01µF +80% -20% 50V	DK18103310
CL20		4822 124 23055	ELECT., 22µF/16V	EJ22601010
CL22		4822 122 30043	CER., 0.01µF ±10% 50V	DK18103310
CL23		4822 124 23055	ELECT., 22µF ±20% 10V	EJ22601010
CL24		4822 124 23055	ELECT., 22µF ±20% 10V	EJ22601010
CL25		4822 124 21894	ELECT., 10µF ±20% 16V	EJ10601610
CL31		4822 122 40617	CER., 50V 0.1µF +80 -20%	DD38104010
CX49		4822 124 21899	ELECT., 4.7µF ±20% 25V	EJ47502510
CX52		4822 122 30043	CER., 0.01µF +80% -20% 50V	DK18103310
CX54		4822 122 30043	CER., 0.01µF +80% -20% 50V	DK18103310
CX55		5322 122 32143	CER., 22PF ±5% CH 50V	DD15220300
CX56		5322 122 32143	CER., 22PF ±5% CH 50V	DD15220300
CX57	K/02B	5322 122 32143	CER., 22PF ±5% CH 50V	DD15220300
CX58	K/02B	5322 122 32143	CER., 22PF ±5% CH 50V	DD15220300
CX59		4822 124 23054	ELECT., 0.47µF/50V	EJ47405010
CX60		4822 122 32027	CER., 56PF ±5% CH 50V	DD15560300
CX61		4822 124 23053	ELECT., 1µF/50V	EJ10505010
CX63		4822 124 23053	ELECT., 1µF/50V	EJ10505010
CX66		4822 122 31205	CER., 47PF ±5% CH 50V	DD15470300
CX67		4822 125 50384	TRM., VCT51E 20PF	CT12000200
CX70		4822 124 21899	ELECT., 4.7µF/25V	EJ47502510
CX72		4822 122 30043	CER., 0.01µF +80% -20% 50V	DK18103310
CX74		4822 124 23053	ELECT., 1µF/50V	EJ10505010
CX75		4822 124 23055	ELECT., 22µF/10V	EJ22601010
			PL04-CAPACITORS (COMMON)	
C***			ELECTROLYTIC CAP. TYPE,TOLERANCE ±20%: CL18,CL19,CL21,CX50,CX51, CX53,CX69,CX73,CX76	
C***			PLASTIC FILM CAP., ±5% 50V: CX64,CX65	
C* **			HIGH DIELECTRIC CONSTANT CERAMIC CAP. ±10% 50V: CX62	
			PL04-RESISTORS (COMMON)	
R***			CARBON FILM FIXED RES., ±5% 1/6W:RL01-RL11,RL15, RL17[SR770]RL18, RL19, RX51-RX53, RX54[K/02B], RX55-RX57, RX59-RC62, RX65-RX69	

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			PL04-SEMICONDUCTORS	
DL01		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
DL02		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
DL03		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
DL04		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
DL05		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
DL06		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
DL07		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
DL08		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
DL09		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
DL10		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
DX61		4822 130 32362	DIODE, 1SS176,MA165, 1SS254 30V 0.1A	HD20002000
QL01		4822 209 31538	IC, LC7824 ANALOG SW	HC10275030
QL02	SR770	4822 209 31538	IC, LC7824 ANALOG SW	HC10275030
QL03		4822 209 32513	IC, MC 14576	HC10046170
QL04		4822 209 63455	IC, NJM2233D	HC12233090
QL05		4822 209 63455	IC, NJM2233D	HC12233090
QX60		4822 209 12668	IC, LC74760-9004 OSD LSI	HC10328030
QX61		4822 130 42298	TRS., C536SP,C2458,C3311,C1740S	HT30001000
QX62		4822 130 42594	DIG.TRS., DTC144ES/UN4213 47K,47K	BA20002000
QX63		4822 209 14611	IC, NJM2267D VIDEO AMP	HC10141090
QX64		4822 130 42298	TRS., C536SP,C2458 ,C3311,C1740S	HT30001000
			PL04-MISCELLANEOUS	
JL01		4822 265 10676	TERMINAL, YKC21-3235	YT02041130
JL02		4822 265 41264	TERMINAL, YKC21-3111	YT02030370
LX51		4822 157 62909	COIL, LAL02TA220J 22UH	LC12233800
LX52		4822 157 63312	COIL, LAL02TA5R6J 5.6UH	LC15623800
LX53		4822 242 73843	EMI FILT., DSS306-91-F-223Z	FM12223010
XX51		4822 242 80288	CRYSTAL, AT49/14.31818MHZ(TP)	JX14001260
XX52	K/02B	4822 242 73903	CRYSTAL, AT49 17.7MHZ	JX17001260
			PL54-S-VIDEO CIRCUIT BOARD [SR870 ONLY]	
			PL54-CAPACITORS	
CL52		4822 124 21894	ELECT., 10μF 16V	EJ10601610
CL53		4822 124 21894	ELECT., 10μF 16V	EJ10601610
CL57 | CL60		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CL67		4822 122 40617	CER., 50V DC 0.1μF +80 20%	DD38104010
CL71		4822 124 21894	ELECT., 10μF ±20% 16V	EJ10601610
CL76		4822 122 30043	CER., 0.01μF +80%-20% 50V	DK18103310
CL78		4822 124 21894	ELECT., 10μF ±20% 16V	EJ10601610

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			PL04-RESISTORS (COMMON)	
R***			CARBON FILM FIXED RES., ±5% 1/6W:RL52,RL53, RL57-RL60,PL63,RL64, RL67-RL72,RL75	
			PL54-SEMICONDUCTORS	
QL55		4822 209 32513	IC, MC 14576	HC10046170
QL56		4822 209 32513	IC, MC 14576	HC10046170
QL58		4822 209 31538	IC, LC7824 ANALOG	HC10275030
			PL54-MISCELLANEOUS	
JL52		4822 265 31302	TERMINAL, 3P S VIDEO YKF51-5506	YT02030350
JL53		4822 265 10678	TERMINAL, 1P S VIDEO YKF51-5506	YT02011010
			PL94-AUX IN CIRCUIT BOARD	
			PL94-CAPACITORS	
CL91		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CL92		4822 124 23055	ELECT., 22μF/16V	EJ22601610
			PL04-CAPACITORS (COMMON)	
C***			HIGH DIELECTRIC CONSTANT CERAMIC CAP. ±10% 50V: CL93,CL94	
			PL94-RESISTORS (COMMON)	
R***			CARBON FILM FIXED RES., ±5% 1/6W:RL91,RL92, UL02[/02B],UL03[/02B]	
			PL94-MISCELLANEOUS	
JL91		4822 265 10679	TERMINAL, AUX	YT02030410
SU55		4822 273 10296	ROTARY SW., ROTARY ENCODER EC16B40B0	SR02010040
			PP04-SURROUND AMP CIRCUIT BOARD	
			PP04-CAPACITORS	
CP03		4822 124 80542	ELECT., 10μF ±20% 63V	EQ10606390
CP04		4822 124 80542	ELECT., 10μF ±20% 63V	EQ10606390
CP07	K,U	4822 122 32185	CER., 10PF D CH 50V	DD11100300
CP07	/02B	4822 122 31188	CER., 3PF C CJ 50V BLK	DD10030300
CP08	K,U	4822 122 31188	CER., 3PF C CJ 50V BLK	DD10030300
CP08	/02B	4822 122 32185	CER., 10PF D CH 50V	DD11100300
CP09 | CP12		4822 124 21895	ELECT., 0.22μF/50V	EJ22405010
CP17		4822 124 23055	ELECT., 22μF/10V	EJ22601010
CP21	/02B	4822 122 31205	CER., 47PF ±5% CH 50V	DD15470300
CP22	/02B	4822 122 31205	CER., 47PF ±5% CH 50V	DD15470300
			PL04-CAPACITORS (COMMON)	
C***			ELECTROLYTIC CAP. TYPE,TOLERANCE ± 20%:CP05,CP06,CP13-CP16	
C***			HIGH DIELECTRIC CONSTANT CERAMIC CAP. ±10% 50V: CP01,CP02	

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			PP04-RESISTORS	
RP11		4822 113 80363	0.22Ω ±10% 3W	GO10222030
RP12		4822 113 80363	0.22Ω ±10% 3W	GO10222030
RP13	SR870	4822 052 10102	1KΩ ±5% 1/6W	GG05102160
RP13	SR770	4822 052 10102	220Ω ±5% 1/6W	GG05221160
RP14	SR870	4822 052 10102	1KΩ ±5% 1/6W	GG05102160
RP14	SR770	4822 052 10102	220Ω ±5% 1/6W	GG05221160
RP21		4822 053 10109	10Ω ±5% 1W	GA05100010
RP22		4822 053 10109	10Ω ±5% 1W	GA05100010
RP25	SR870	4822 052 10101	100Ω ±5% 1/6W	GG05101160
RP25	SR770	4822 052 10101	47Ω ±5% 1/6W	GG05470160
RP26	SR870	4822 052 10101	100Ω ±5% 1/6W	GG05101160
RP26	SR770	4822 052 10101	47Ω ±5% 1/6W	GG05470160
RP99		4822 052 10109	10Ω ±5% 1/4W	GG05100140
			PP04-RESISTORS (COMMON)	
R ***			CARBON FILM FIXED RES., ±5% 1/6W:RR01-RP10,RP15-PR20,RP23,RP24,RP27-RP29	
			PP04-SEMICONDUCTORS	
DP01		4822 130 80837	DIODE, HSS81TD 150V 150MA	HD20027010
DP02		4822 130 80837	DIODE, HSS81TD 150V 150MA	HD20027010
⚠ QP01	SR870	4822 209 32696	IC, STK401-110 POWER PACK	HC10312030
⚠ QP01	SR770	4822 209 15287	IC, STK401-050 POWER PACK	HC10358030
QP02		4822 130 43233	TRS., 2SC2240 GR OR BL	HT322402A0
QP03		4822 130 43233	TRS., 2SC2240 GR OR BL	HT322402A0
QP04		4822 130 42949	TRS., 2SA970 (GR) OR (BL)	HT109702A0
			PP04-MISCELLANEOUS	
LP01		4822 157 70022	AIR COIL, SPK CHOCK COIL	ML08010030
LP02		4822 157 70022	AIR COIL, SPK CHOCK COIL	ML08010030
	SR870/ SR770		**PP91/PP94-VOL-SEL CIRCUIT BOARD [K VERSION]** **PP91/PP94-MISCELLANEOUS**	
SP91	K	4822 277 21825	SLIDE SW., SDKGA4 SEMKO	SS02021510
			PS04-AUDIO FUNCTION CIRCUIT BOARD **PS04-CAPACITORS**	
CS01 | CS06		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CS06		4822 124 21899	ELECT., 4.7μF 25V	EJ47502510
CS07		4822 124 21899	ELECT., 4.7μF 25V	EJ47502510
CS08		4822 124 21899	ELECT., 4.7μF 25V	EJ47502510
CS11		4822 124 21899	ELECT., 4.7μF/25V	EJ47502510
CS12		4822 124 21899	ELECT., 4.7μF/25V	EJ47502510
CS15		4822 124 21899	ELECT., 4.7μF/25V	EJ47502510
CS16		4822 124 21899	ELECT., 4.7μF/25V	EJ47502510
CS17		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CS18		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CS19		4822 122 40617	CER., 50V 0.1μF +80% 20%	DD38104010
CS21		4822 122 40617	CER., 0.1μF 50V	DD38104010
CS22		4822 122 40617	CER., 0.1μF 50V	DD38104010
			PS04-CAPACITORS (COMMON)	
C ***			ELECTROLYTIC CAP. TYPE,TOLERANCE ± 20%:CS09,CS10,CS13,CS14	
C * **			HIGH DIELECTRIC CONSTANT CERAMIC CAP. ±10% 50V: CS23-CS38[/02B]	

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			PS04-RESISTORS (COMMON)	
R ***			CARBON FILM FIXED RES., ±5% 1/6W:RS01-RS22, RS27-RS34,RS41,RS42	
			PS04-SEMICONDUCTORS	
QS01		4822 209 83631	IC, NJM4558D-D	HC10008090
QS02		4822 209 83631	IC, NJM4558D-D	HC10008090
QS03		4822 209 83631	IC, NJM4558D-D	HC10008090
QS05		4822 209 83631	IC, NJM4558DD	HC10008090
QS11		4822 209 32552	IC, LC78211	HC10308030
QS12		4822 209 32554	IC, LC78213	HC10310030
QS13		4822 209 83631	IC, NJM4558DD	HC10008090
			PS04-MISCELLANEOUS	
JS01		4822 265 10748	TERMINAL, 14X14 RCA 2L6P W/R NI FLM-GND	YT02060460
JS02		4822 267 31823	TERMINAL, RCA PIN JACK RA2L4P YKC21-3049	YT02040940
			PS54-V-AUDIO FUNCTION CIRCUIT BOARD **PS54-CAPACITORS**	
CG51		4822 124 21899	ELECT., 4.7μF 25V	EJ47502510
CG52		4822 124 21899	ELECT., 4.7μF 25V	EJ47502510
CG55 | CG60		4822 124 21899	ELECT., 4.7μF/25V	EJ47502510
CG63		4822 124 21899	ELECT., 4.7μF/25V	EJ47502510
CG64		4822 124 21899	ELECT., 4.7μF/25V	EJ47502510
CS51 | CS58		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CS59		4822 124 21899	ELECT., 4.7μF 25V	EJ47502510
CS60		4822 124 21899	ELECT., 4.7μF 25V	EJ47502510
CS61		4822 122 40617	CER., 50V 0.1μF +80 -20%	DD38104010
CS68		4822 122 40617	CER., 0.1μF 50V	DD38104010
CS69		4822 122 40617	CER., 0.1μF 50V	DD38104010
CS70		4822 122 40617	CER., 0.1μF 50V	DD38104010
CS93		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CS94		4822 124 21894	ELECT., 10μF/16V	EJ10601610
			PS54-CAPACITORS (COMMON)	
C ***			ELECTROLYTIC CAP. TYPE,TOLERANCE ± 20%:CS62,CS63,CS65,CS66	
C * **			HIGH DIELECTRIC CONSTANT CERAMIC CAP. ±10% 50V: [/02B] CG61,CG62,CG71-CS90	
			PS54-RESISTORS (COMMON)	
R ***			CARBON FILM FIXED RES., ±5% 1/6W:RG51-RG72,RS51-RS87,RS83-RS86,RS93,RS94	
			PS54-SEMICONDUCTORS	
QG51		4822 130 61892	TRS., 2SD2144S/U/V	HT421442A0
QG52		4822 130 61892	TRS., 2SD2144S/U/V	HT421442A0
QG55		4822 209 83631	IC, NJM4558DD	HC10008090
QG56		4822 209 83631	IC, NJM4558DD	HC10008090
QG57		4822 209 31575	IC, TC9213P	HC10304050
QG59		4822 130 61892	TRS., 2SD2144 S/U/V	HT421442A0

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
QG60		4822 130 61892	TRS., 2SD2144 S/U/V	HT421442A0
QS51 I QS55		4822 209 83631	IC, NJM4558D-D	HC10008090
QS56		4822 209 32552	IC, LC78211	HC10308030
QS57		4822 209 32553	IC, LC78212	HC10309030
			PS54-SEMICONDUCTORS	
JS51		4822 265 10748	TERMINAL, 14X14 RCA 2L6P W/R NI FLM-GND	YT02060460
JS52		4822 267 31451	TERMINAL, 8P CINCH YKC21-3052	YT02080110
			PU04-FRONT CIRCUIT BOARD	
			PU04-CAPACITORS	
CL14	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
CU01		4822 122 40588	CER., 0.022 μF TP050F223Z	DA17223110
CU02		4822 124 23056	ELECT., 47 μF/10V	EJ47601010
CU03		4822 124 80087	ELECT., 220 μF/6.3V	EJ22700610
CU04		4822 122 40588	CER., 0.022 μF TP050F223Z	DA17223110
CU05		4822 126 11558	CER., 0.1 μF +80% -20% 50V	DA17104110
CU07		4822 124 90406	BIG ELECT., FMOH223ZTP16	EX22300530
CU10		4822 122 40588	CER., 0.022 μF TP050F223Z	DA17223110
CU13		4822 122 40617	CER., 0.1 μF +80% -20% 50V	DD38104010
CU14	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
			PU04-RESISTORS (COMMON)	
R ***			CARBON FILM FIXED RES., ±5% 1/6W:RU01-RU09, RU11, RU14-RU20,RU22,RU27,RU29, RU30,RU40,RU46, RU51-RU54	
			PU04-SEMICONDUCTORS	
DU01 I DU04		4822 130 80589	DIODE, 1SS132	HD20029210
DU05 I DU10		4822 130 32362	DIODE,1SS176,MA165,1SS254 30V 0.1A	HD20002000
DU14	UBL	4822 130 80589	DIODE, 1SS132	HD20029210
DU17	/02B	4822 130 80589	DIODE, 1SS135	HD20029210
DU19 I DU21		4822 130 32362	DIODE,1SS176,MA165,1SS254 30V 0.1A	HD20002000
DU22		4822 130 80326	L.E.D., LT3D8B RED 3O	HI10062320
DU23 I DU28		4822 130 32362	DIODE,1SS176,MA165,1SS254 30V 0.1A	HD20002000
DU48 I DU50		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
QU01			MICROPROCESSOR, TMP87CP71F	HU268JT02F
QU02		4822 130 61227	DIG.TRS., DTA114ES/UN4111 10K,10K	BA10001000
QU03		4822 130 42298	TRS., C536SP,C2458,C3311,C1740S	HT30001000
QU04		4822 130 42594	DIG.TRS., DTC144ES/UN4213 47K,47K	BA20002000
QU07		4822 130 60588	DIG.TRS., DTC114ES/UN4211 10K,10K	BA20001000
QU08		4822 130 42594	DIG.TRS., DTC144ES/UN4213 47K,47K	BA20002000
QU09		4822 130 42594	DIG.TRS., DTC144ES/UN4213 47K,47K	BA20002000
QU10		4822 130 42682	DIG.TRS., DTA144ES/UN4113 47K,47K	BA10002000
QU11		4822 130 63211	DIG.TRS., DTA114TS	BA10003210
QU12		4822 130 61227	DIG.TRS., DTA114ES/UN4111 10K,10K	BA10001000
QU14		4822 130 42682	DIG.TRS., DTA144ES/UN4113 47K,47K	BA10002000
QU15		4822 130 42594	DIG.TRS., DTC144ES/UN4213 47K,47K	BA20002000
QU16		4822 130 83519	PHOTO UNIT, IR RECIVER RPM-670CBR H-15MM	HW10001210
QU17		4822 130 61227	DIG.TRS., DTA114ES/UN4111 10K,10K	BA10001000
QU18		4822 209 31932	IC, 74HC125	HC712500B0
			PU04-MISCELLANEOUS	
SU01		4822 276 20508	PUSH SW., TACK SKHVAE	SP01011280
SU02	/02B	4822 276 20508	PUSH SW., TACK SKHVAE	SP01011280
SU03		4822 276 20508	PUSH SW., TACK SKHVAE	SP01011280
SU04	/02B	4822 276 20508	PUSH SW., TACK SKHVAE	SP01011280
SU05		4822 276 20508	PUSH SW., TACK SKHVAE	SP01011280
SU06	/02B	4822 276 20508	PUSH SW., TACK SKHVAE	SP01011280
SU07		4822 276 20508	PUSH SW., TACK SKHVAE	SP01011280
SU09		4822 276 20508	PUSH SW., TACK SKHVAE	SP01011280
SU13 I SU19		4822 276 20508	PUSH SW., TACK SKHVAE	SP01011280
SU21		4822 276 20508	PUSH SW., TACK SKHVAE	SP01011280
SU23 I SU34		4822 276 20508	PUSH SW., TACK SKHVAE	SP01011280
VU01		4822 130 91499	DISPLAY UNIT, FIP12DM8R NEC 12DIGIT 16SEG	HQ31206060
XU01		4822 242 72066	CER. VIB., CST8.0MHZ (MT)	FQ08004010
			PU54-MASTER VOL CIRCUIT BOARD	
			PU54-CAPACITORS	
CU51		4822 126 10364	CER., 100PF UP050B101K-A	DA16101110
CU52		4822 126 10364	CER., 100PF UP050B101K-A	DA16101110
			PU54-SEMICONDUCTORS	
QU51		4822 130 42298	TRS., C536SP,C2458,C3311,C1740S	HT30001000
QU52		4822 130 42298	TRS., C536SP,C2458,C3311,C1740S	HT30001000
			PU94-POWER SW CIRCUIT BOARD	
			PU94-MISCELLANEOUS	
SU91	K/02B	4822 276 12217	PUSH SW., ALPS SPUL LOCK	SP02011570
SU91	UBL	4822 276 12512	PUSH SW., ALPS SPUL NON-LOCK	SP02011670

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			PV04-DIRECT IN CIRCUIT BOARD	
			PV04-CAPACITORS	
CF51		4822 124 21894	ELECT., 10μF ±20% 16V	EJ10601610
CF52		4822 124 21894	ELECT., 10μF ±20% 16V	EJ10601610
CF53		4822 124 21894	ELECT., 10μF ±20% 16V	EJ10601610
CF65		4822 124 21894	ELECT., 10μF ±20% 16V	EJ10601610
CT04	/02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CV01 I CV06		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CV07		4822 122 40617	CER., 50V 0.1μF +80 -20%	DD38104010
CV08		4822 122 40617	CER., 50V 0.1μF +80 -20%	DD38104010
CV19		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CV20		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CV21		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CV22		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CV29	/02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CV30	/02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CV31		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CV32		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CV34		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CV36		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CV37		4822 122 40588	CER., 0.022μF TP050F223Z	DA17223110
CV38		4822 126 10935	ELECT., 100μF/6.3V	EJ10700610
CV39	SR870	4822 122 40617	CER., 0.1μF +80% -20% 50V	DD38104010
CV40		4822 122 40588	CER., 0.022μF TP050F223Z	DA17223110
CV43		4822 122 40617	CER., 50V 0.1μF +80 -20%	DD38104010
CV88	SR770 /02B	4822 122 30043	CER..,0.01μF +80% -20% 50V	DK18103310
CV89	SR770 /02B	4822 122 30043	CER..,0.01μF +80% -20% 50V	DK18103310
			PV04-CAPACITORS (COMMON)	
C***			PLASTIC FILM CAP., ±5% 50V: CF61-CF64	
C***	/02B		HIGH DIELECTRIC CONSTANT CERAMIC CAP. ±10% 50V: [/02B]CV23-CV28, CV45-CV50,CV91-CV95,CV97	
			PV04-RESISTORS (COMMON)	
R***			CARBON FILM FIXED RES., ±5% 1/6W:RF51-RF53,RF61-RF71,RT19,RV01-RV21,RV35-RV42,RV44,RV46-RV48	
			PV04-SEMICONDUCTORS	
QF51		4822 209 83631	IC, NJM4558D-D	HC10008090
QF52		4822 209 83631	IC, NJM4558D-D	HC10008090
QF61		4822 209 83631	IC, NJM4558D-D	HC10008090
QF62		4822 209 83631	IC, NJM4558D-D	HC10008090
QV01		4822 209 83631	IC, NJM4558D-D	HC10008090
QV02		4822 209 83631	IC, NJM4558D-D	HC10008090
QV03		4822 209 83631	IC, NJM4558D-D	HC10008090
QV04		4822 209 32553	IC, LC78212	HC10309030
QV06		4822 209 62784	IC, ANALOGUE TC9215P	HC10262050
QV07		4822 209 83631	IC, NJM4558D-D	HC10008090

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			PVC04-SEMICONDUCTORS	
JV02		4822 265 10681	TERMINAL, YKC21-3332	YT02060540
JV03		4822 267 41009	TERMINAL, 2P RCA PIN JACK ORANGE	YT02020890
LV04		4822 242 73843	EMI FILTER, DSS306-55F223Z16	FM12223010
LV05		4822 242 73843	EMI FILTER, DSS306-55F223Z16	FM12223010
LV06		4822 242 73843	EMI FILTER, DSS306-55F223Z16	FM12223010
			PW04-H.P CIRCUIT BOARD	
			PW04-CAPACITORS	
CW01	/02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CW02	/02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CW03	/02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
			PW04-MISCELLANEOUS	
JW01	BLACK	4822 265 10685	JACK, H.P JACK HLJ2307-01-3160	YJ01004240
JW01	GOLD		JACK, H.P JACK HLJ2307-01-3163	YJ01004330
			PY04-CONNECT CIRCUIT BOARD	
			PY04-CAPACITORS	
CS91		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CS92		4822 124 21894	ELECT., 10μF/16V	EJ10601610
CY01	SR870 K,U	4822 124 21899	ELECT., 4.7μF ±20% 25V	EJ47502510
CY01	SR770 U	4822 124 21899	ELECT., 4.7μF ±20% 25V	EJ47502510
CY02	K/02B	4822 126 12867	ELECT., 1000μF/6.3V	OA108006Q0
CY02	U	4822 122 40617	CER., 0.1μF 50V	DD38104010
CY04		4822 122 40617	CER., 0.1μF 50V	DD38104010
CY06	SR870 U	4822 122 31205	CER., 47PF ±5% CH 50V BLK	DD15470300
CY06	SR770 /02B	4822 122 31205	CER., 47PF ±5% CH 50V BLK	DD15470300
CY08	SR870 K,U	4822 122 31205	CER., 47PF ±5% 50V CH	DD15470300
CY09	U	4822 122 31205	CER., 47PF ±5% 50V CH	DD15470300
CY10	U	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CY10	SR770 /02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CY11	SR870 U	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CY11	SR770 /02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CY12	SR770 K/02B	4822 122 31205	CER., 47PF ±5% CH 50V BLK	DD15470300
CY13	U	4822 122 31205	CER., 47PF ±5% 50V	DD15470300
CY13	SR770 /02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CY14		4822 122 40617	CER., 0.1μF +80% -20% 50V	DD38104010
CY15	/02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CY89	SR770 /02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CY90	SR770 /02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
CY91	/02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
CY92		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
CY94	SR870	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
CY94	SR770 K/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
CY95	K,U	4822 122 31205	CER., 47PF ±5% 50V CH	DD15470300
CY97		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
			PY04-CAPACITORS (COMMON)	
C* **			HIGH DIELECTRIC CONSTANT CERAMIC CAP. ±10% 50V: [/02B]CS95,CS96	
			PY04-RESISTORS (COMMON)	
R***			CARBON FILM FIXED RES., ±5% 1/6W:RY01-RY33, UY97[/02B]	
			PY04-SEMICONDUCTORS	
DY01		4822 130 32362	DIODE, DIODE SUBSTITUTE	HD20002000
DY02		4822 130 32362	DIODE, DIODE SUBSTITUTE	HD20002000
DY03		4822 130 32362	DIODE, DIODE SUBSTITUTE	HD20002000
DY04		4822 130 32362	DIODE, DIODE SUBSTITUTE	HD20002000
DY09		4822 130 82421	DIODE, 1D3 1A/200V	HD20002710
DY10		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
DY11		4822 130 32362	DIODE, 1SS176 MA165 1SS254 30V 0.1A	HD20002000
DY14		4822 130 80316	ZENER DIODE, 3.6V MTZJ3.6A RD3.6ES-B1 04AZ3.6X	HD30361000
QS91		4822 209 83631	IC, NJM4558D-D	HC10008090
QY01		4822 130 61227	DIG.TRS., DTA114ES/ETC	BA10001000
QY02		4822 130 42594	DIG.TRS., DTC144ES/UN4213 47K,47K	BA20002000
QY03		4822 130 61227	DIG.TRS., DTA114ES/ETC	BA10001000
QY04		4822 130 42594	DIG.TRS., DTC144ES/UN4213 47K,47K	BA20002000
QY05		4822 130 61227	DIG.TRS., DTA114ES/ETC	BA10001000
QY06		4822 130 42594	DIG.TRS., DTC144ES/UN4213 47K,47K	BA20002000
QY07		4822 130 61227	DIG.TRS., DTA114ES/ETC	BA10001000
QY08		4822 130 42594	DIG.TRS., DTC144ES/UN4213 47K,47K	BA20002000
QY10		4822 209 33024	IC, TC9173P	HC10370050
QY11		4822 209 61704	IC, TC9174P	HC10250050
QY12		4822 209 14612	IC, 74HC541	HC754100B0
QY13		4822 130 42594	DIG.TRS., DTC144ES/UN4213	BA20002000
QY14		4822 130 61227	DIG.TRS., DTA114ES/ETC	BA10001000
QY15		4822 130 60588	DIG.TRS., DTC114ES/ETC	BA20001000
			PY04-MISCELLANEOUS	
JY09			JACK, 9604S-31F 31P FFC CONNECTOR	YJ07011240
UY72	K/02B	4822 130 32508	DIODE, RL103E(RECTRON)/DSF10C	HD20003000
			P104-TUNER CIRCUIT BOARD	
			P104-CAPACITORS	
CA01		4822 125 50384	TRM., VCT51E 20PF	CT12000200
CA02		4822 122 40306	CER., 0.047 μF +80% -20% 50V	DK18473310
CA03		4822 122 31823	CER., 15PF ±5% CH 50V	DD15150300
CA04		4822 121 42466	FILM, 390PF 100V ECQ-P	DF15391550
CA05		4822 122 31205	CER., 47PF ±5% CH 50V	DD15470300

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
CA06		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
CA07	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
CA08	/02B	4822 125 50384	TRM., VCT51E 20PF	CT12000200
CA09	/02B	4822 122 31823	CER., 15PF ±5% CH 50V	DD15150300
CA11	/02B	4822 122 31349	CER., 68PF ±5% CH 50V	DD15680300
CA12	/02B	4822 122 10367	CER., 150PF ±5% CH 50V	DD15151300
CA13	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
CA14	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
CA18		4822 124 21899	ELECT., 4.7 μF/25V	EJ47502510
C201		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C202		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C203		4822 122 40306	CER., 0.047 μF +80% -20% 50V	DK18473310
C204		4822 122 40306	CER., 0.047 μF +80% -20% 50V	DK18473310
C205		4822 124 23053	ELECT., 0.047 μF/50V Z	EJ10505010
C206		4822 124 21894	ELECT., 10 μF/16V	EJ10601610
C208		4822 122 40306	CER., 0.047 μF +80% -20% 50V	DK18473310
C209		4822 124 23053	ELECT., 1 μF/50V	EJ10505010
C210		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C211		4822 124 40786	ELECT., 2.2 μF ±20% 50V	EJ22505010
C212		4822 124 23053	ELECT., 1 μF/50V	EJ10505010
C213		4822 124 23054	ELECT., 0.47 μF/50V	EJ47405010
C215		4822 122 40306	CER., 0.047 μF +80% -20% 50V	DK18473310
C218		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C219		4822 124 21894	ELECT., 10 μF/16V	EJ10601610
C223		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C224	K/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C225		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C226		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C227	K/02B	4822 121 42466	FILM, 390PF ±5%	DF15391550
C233		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C234		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C303		4822 124 21894	ELECT., 10 μF/16V	EJ10601610
C304		4822 124 21894	ELECT., 10 μF/16V	EJ10601610
C305	K/02B	4822 124 21899	ELECT., 4.7 μF/25V	EJ47502510
C306	K/02B	4822 124 21899	ELECT., 4.7 μF/25V	EJ47502510
C307	K/02B	4822 124 21894	ELECT., 10 μF/16V	EJ10601610
C308	K/02B	4822 124 21894	ELECT., 10 μF/16V	EJ10601610
C311		4822 124 21899	ELECT., 4.7 μF/25V	EJ47502510
C312		4822 124 21899	ELECT., 4.7 μF/25V	EJ47502510
C313	K/02B	4822 124 21894	ELECT., 10 μF/16V	EJ10601610
C501		4822 122 31205	CER., 47PF ±5% CH 50V	DD15470300
C502		4822 122 31205	CER., 47PF ±5% CH 50V	DD15470300
C504		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C505		4822 124 23053	ELECT., 1 μF/50V	EJ10505010
C506		4822 124 41604	ELECT., 0.1 μF/50V	EJ10405010
C507		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C511		4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C902	/02B	4822 124 21894	ELECT., 10 μF/16V	EJ10601610
C905	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C906	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C907	/02B	4822 124 21894	ELECT., 10 μF/16V	EJ10601610
C908	/02B	4822 124 21894	ELECT., 10 μF/16V	EJ10601610
C909	/02B	4822 124 21899	ELECT., 4.7 μF/25V	EJ47502510
C910	/02B	4822 124 21894	ELECT., 10 μF/16V	EJ10601610
C911	/02B	4822 122 30103	CER., 0.022 μF +80% -20% 50V	DK18223310
C915	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			P104-CAPACITORS (COMMON)	
C***			ELECTROLYTIC CAP. TYPE,TOLERANCE ±20%: C207,C214,C216,C314[K/02B], C503,C508,C901[/02B]	
C***			PLASTIC FILM CAP., ±5% 50V:C217[U],C301,C302, C309[K],C310[K], C912-C914[/02B]	
C* **			HIGH DIELECTRIC CONSTANT CERAMIC CAP. ±10% 50V: C217[K/02B],C220,C222, C227[U],C315-C318[/02B], C509,C510,C903,C904	
			P104-RESISTORS	
RA11		4822 100 11352	TRIM, 22KΩ RH0638CJ4R	RA02230780
⚠ R207		4822 050 21801	180Ω ±5% 1/4W	GG05181140
R211		4822 100 11352	TRIM, 22KΩ RH0638CJ4R	RA02230780
R212		4822 100 11373	TRIM, 4.7KΩB	RA04720780
⚠ R217	K,U	4822 116 83929	220Ω ±5% 1/4W	GG05221140
⚠ R217	/02B	4822 050 21801	180Ω ±5% 1/4W	GG05181140
R218	SR870 K/02B	4822 100 11373	RES.TRIM, 4.7KΩB [SR870]	RA04720780
R218	SR770 K/02B	4822 100 11373	RES.TRIM, 2.2KΩB [SR770]	RA02220780
R313	K/02B	4822 116 83929	220Ω ±5% 1/4W	GG05221140
⚠ R512		4822 053 10271	270Ω ±5% 1W	GA05271010
⚠ R514		4822 052 10479	47Ω ±5% 1/6W	GG05470160
R906	/02B	4822 100 11373	TRIM, 4.7KΩ RH0638CS3R	RA04720780
⚠ R910	/02B	4822 053 10221	220Ω ±5% 1W	GA05221010
			P104-RESISTORS (COMMON)	
R***			CARBON FILM FIXED RES., ±5% 1/6W: R102[/02B],R103[/02B], R201[U], R202,R206, R208-R210,R213-R216,R219,R301-R306[K/02B],R307-R310, R311[K/02B],R312[K/02B],R501-R504,R506-R508,R510,R511, R513,R515-R517,R901-R905[/02B],R907-R909[/02B], R911[/02B],RA01,RA02, RA03[/02B],RA04[/02B],RA06-RA09[/02B]	
			P104-SEMICONDUCTORS	
DA01		4822 125 50416	VARI, SVC342-L	HD40009030
DA02	/02B	4822 130 33697	DIODE, 1SS135	HD20017210
DA03	/02B	4822 125 50416	VARI, SVC342-L	HD40009030
DA04	/02B	4822 130 33697	DIODE, 1SS135	HD20017210
DA05		4822 130 32362	DIODE,1SS176,MA165,1SS254 30V 0.1A	HD20002000
DA06		4822 130 32362	DIODE,1SS176,MA165,1SS254 30V 0.1A	HD20002000
D201		4822 130 32362	DIODE,1SS176,MA165,1SS254 30V 0.1A	HD20002000
D202		4822 130 80318	ZENER DIODE, 6.8V MTZJ6.8C RD6.8ES-B2 04AZ6.8Z	HD30681000

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
D501		4822 130 80317	ZENER DIODE, 5.1V MTZJ5.1B RD5.1ES-B2 04AZ5.1Y	HD30511000
D901	/02B	4822 130 80317	ZENER DIODE, 5.1V MTZJ5.1B RD5.1ES-B2 04AZ5.1Y	HD30511000
QA01	/02B	4822 130 42298	TRS., C536SP,C2458,C3311,C1740S	HT30001000
QA02	/02B	4822 130 42298	TRS., C536SP,C2458,C3311,C1740S	HT30001000
QA03	/02B	4822 130 61892	TRS., 2SD2144S/U/V	HT421442A0
QA04	/02B	4822 130 42682	DIG.TRS., DTA144ES/UN4113 47K,47K	BA10002000
QA05	/02B	4822 130 42682	DIG.TRS., DTA144ES/UN4113 47K,47K	BA10002000
Q201		4822 209 90535	IC, LA1836 FM/AM IF,MPX	HC10342030
Q202		4822 130 62294	TRS., 2SC1809S P	HT318091P0
Q203		4822 130 61227	DIG.TRS., DTA114ES/UN4111 10K,10K	BA10001000
Q204		4822 130 42594	DIG.TRS., DTC144ES/UN4213 47K,47K	BA20002000
Q301	K/02B	4822 209 83631	IC, NJM4558D-D	HC10008090
Q501		4822 209 30178	IC, LC7218 PLL	HC10221030
Q502		4822 130 42121	F.E.T., 2SK30ATM Y1	HF200300B0
Q503		4822 130 42298	TRS., C536SP,C2458,C3311,C1740S	HT30001000
Q901	/02B	4822 209 32706	IC, LA2232 RDS DEMODULATOR	HC10315030
Q902	/02B	4822 209 33818	IC, LC7073 RDS ERROR CORRECTION	HC10333030
Q903	/02B	4822 130 42298	TRS., C536P,C2458,C3311,C1740S	HT30001000
			P104-MISCELLANEOUS	
A101	K,U	4822 210 10397	FM FRONT END FE337-A05	AV01202220
A101	/02B	4822 210 10492	FM FRONT END FE415-G11	AV01203020
F201	K/02B	4822 242 70665	CER.FILTER, SFE10.7MS3-A	FF11070620
F201	UBL	4822 242 70911	CER.FILTER, SFF10.7MA8-A	FF11070610
F202		4822 242 70665	CER.FILTER, SFE10.7MS3-A	FF11070620
J101	K/02B	4822 290 81632	TERMINAL, FM/AM ANT PAL	YT03030020
J101	UBL	4822 290 81537	TERMINAL, FM/AM ANT F	YT01030080
LA01		4822 157 63084	ANT COIL, MW 280UH	LA10295170
LA02		4822 157 70779	OSC. COIL, MW OSC C01L	LO70013010
LA03	/02B	4822 157 52714	ANT COIL, LW LA1267	LA10295160
LA04	/02B	4822 157 70781	OSC. COIL, LW OSC COIL	LO70013020
LA05		4822 157 53589	CHOKE COIL, 39MH ±5%	LC23960710
LA06		4822 242 71509	CER.FILTER, SFL450J3	FF10045330
L201		4822 157 63904	I.F.T. COIL, FM DET M292BEAS-5968Z	LI70376010
L301		4822 157 71731	M.P.X. COIL, LPF-V10-A1 19.38KHZ	LS10293020
L302		4822 157 71731	M.P.X. COIL, LPF-V10-A1 19.38KHZ	LS10293020
L501 | L504		4822 157 70813	CHOKE COIL, LAL02TA470J 47UH	LC14733800
S301	K	4822 277 21712	SLIDE SW., SLIDE SSSS92	SS02021470
X201		4822 242 81608	CER. VIB., CSB456F33	FQ04563040

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X501		4822 242 72333	CRYSTAL, AD0618CTB	JX07001260
			7.2MHZ	
X901	/02B	4822 242 81608	CER. VIB., CSB456F33	FQ04563040
X902	/02B	4822 242 72527	CER. VIB., CST4.00MGW	FQ04004030
			P604-THX PRO-LOGDSP	
			CIRCUIT BOARD	
			P604-CAPACITORS	
CR01		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR02		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
CR03		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
CR04		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR05		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR06		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR07		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
CR08		5322 126 11583	CER. CHIP, 0.01µF 50V	DK96103200
CR09		4822 124 11074	ELECT. CHIP, 10µF/16V	EY10601620
CR10		4822 124 11074	ELECT. CHIP, 10µF/16V	EY10601620
CR11		4822 122 33744	CER. CHIP, 100PF ±5% CG	DD95101300
CR12		4822 122 33744	CER. CHIP, 100PF ±5% CG	DD95101300
CR13		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR14		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR15		4822 126 11695	CER. CHIP, 330PF ±5% CG	DD95331300
CR16		4822 126 11695	CER. CHIP, 330PF ±5% CG	DD95331300
CR17		4822 122 33753	CER. CHIP, 150PF 50V	DD95151300
CR18		4822 122 33753	CER. CHIP, 150PF 50V	DD95151300
CR19		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR20		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR61		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR62		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
CR63		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
CR64		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR65		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR66		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR67		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
CR68		5322 126 11583	CER. CHIP, 0.01µF 50V	DK96103200
CR69		4822 124 11074	ELECT. CHIP, 10µF/16V	EY10601620
CR70		4822 124 11074	ELECT. CHIP, 10µF/16V	EY10601620
CR71		4822 122 33744	CER. CHIP, 100PF ±5% CG	DD95101300
CR72		4822 122 33744	CER. CHIP, 100PF ±5% CG	DD95101300
CR73		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR74		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR75		4822 126 11695	CER. CHIP, 330PF ±5% CG	DD95331300
CR76		4822 126 11695	CER. CHIP, 330PF ±5% CG	DD95331300
CR77		4822 122 33753	CER. CHIP, 150PF 50V	DD95151300
CR78		4822 122 33753	CER. CHIP, 150PF 50V	DD95151300
CR79		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
CR80		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C601		4822 124 11074	ELECT. CHIP, 10µF/16V	EY10601620
C602		4822 124 11074	ELECT. CHIP, 10µF/16V	EY10601620
C603		4822 122 33753	CER. CHIP, 150PF 50V	DD95151300
C604		4822 122 33753	CER. CHIP, 150PF 50V	DD95151300
C605		4822 122 33753	CER. CHIP, 150PF 50V	DD95151300
C606		4822 122 33753	CER. CHIP, 150PF 50V	DD95151300
C607		4822 116 82487	CHIP, 0Ω ±5% 1/16W	NN05000610
C608		4822 116 82487	CHIP, 0Ω ±5% 1/16W	NN05000610
C609		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C610		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C611		4822 116 82487	CHIP, 0Ω ±5% 1/16W	NN05000610
C612		4822 116 82487	CHIP, 0Ω ±5% 1/16W	NN05000610
C617		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C618		4822 126 11687	CER. CHIP, 0.1µF	DK98104200

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C619		4822 126 11695	CER. CHIP, 330PF ±5% CG	DD95331300
C620		4822 126 11695	CER. CHIP, 330PF ±5% CG	DD95331300
C625		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
C627		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C628		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
C629		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C630		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
C631		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C632		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C635		5322 126 11583	CER. CHIP, 0.01µF ±10%	DK96103200
C636		5322 126 11583	CER. CHIP, 0.01µF ±10%	DK96103200
C641		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C642		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C643		4822 124 11074	ELECT. CHIP, 10µF/16V	EY10601620
C644		4822 124 11074	ELECT. CHIP, 10µF/16V	EY10601620
C651		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C652		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
C653		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C654		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
C655		4822 122 33741	CER. CHIP, 10PF ±0.5PF	DD91100300
C656		4822 126 11663	CER. CHIP, 12PF ±5% CG	DD95120300
C657		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C658		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
C659		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C660		4822 124 10772	ELECT. CHIP, 100µF/6.3V	EY10700620
C676		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
C677		4822 126 11687	CER. CHIP, 0.1µF	DK98104200
			P604-RESISTORS	
RR01		4822 051 30682	CHIP, 6.8KΩ ±5% 1/16W	NN05682610
RR02		4822 051 30682	CHIP, 6.8KΩ ±5% 1/16W	NN05682610
RR03		4822 051 30103	CHIP, 10KΩ ±5% 1/16W	NN05103610
RR04				
I		4822 051 30223	CHIP, 22KΩ ±5% 1/16W	NN05223610
RR10				
RR41		4822 051 30473	CHIP, 47KΩ 1/16W	NN05473610
RR42		4822 051 30473	CHIP, 47KΩ 1/16W	NN05473610
RR43		4822 051 30103	CHIP, 10KΩ ±5% 1/16W	NN05103610
RR44		4822 051 30103	CHIP, 10KΩ ±5% 1/16W	NN05103610
RR45		4822 051 30103	CHIP, 10KΩ 1/16W	NN05103610
RR46		4822 051 30103	CHIP, 10KΩ 1/16W	NN05103610
RR47				
I		4822 051 30223	CHIP, 22KΩ ±5% 1/16W	NN05223610
RR50				
RR71				
I		4822 116 82487	CHIP, 0Ω 1/16W	NN05000610
RR76				
RR78		4822 116 82487	CHIP, 0Ω 1/16W	NN05000610
RR79		4822 116 82487	CHIP, 0Ω 1/16W	NN05000610
RR83		4822 116 82487	CHIP, 0Ω 1/16W	NN05000610
RR84		4822 116 82487	CHIP, 0Ω 1/16W	NN05000610
R601				
I		4822 051 30153	CHIP, 15KΩ ±5% 1/16W	NN05153610
R612				
R613		4822 051 30103	CHIP, 10KΩ ±5% 1/16W	NN05103610
R614		4822 051 30103	CHIP, 10KΩ ±5% 1/16W	NN05103610
R615		4822 051 30151	CHIP, 150Ω ±5% 1/16W	NN05151610
R616		4822 051 30151	CHIP, 150Ω ±5% 1/16W	NN05151610
R617		4822 051 30103	CHIP, 10KΩ ±5% 1/16W	NN05103610
R618		4822 051 30103	CHIP, 10KΩ ±5% 1/16W	NN05103610
R619		4822 051 30151	CHIP, 150Ω ±5% 1/16W	NN05151610
R620		4822 051 30151	CHIP, 150Ω ±5% 1/16W	NN05151610

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R621		4822 051 30103	CHIP, 10KΩ ±5% 1/16W	NN05103610
R622		4822 116 82487	CHIP, 0Ω 1/16W	NN05000610
R661		4822 051 30222	CHIP, 2.2KΩ ±5% 1/16W	NN05222610
R662		4822 051 30222	CHIP, 2.2KΩ ±5% 1/16W	NN05222610
R671		4822 051 30472	CHIP, 4.7KΩ ±5% 1/16W	NN05472610
R672		4822 051 30472	CHIP, 4.7KΩ ±5% 1/16W	NN05472610
R673		4822 051 30472	CHIP, 4.7KΩ ±5% 1/16W	NN05472610
R674		4822 051 30472	CHIP, 4.7KΩ ±5% 1/16W	NN05472610
R698		4822 116 82487	CHIP, 0Ω 1/16W	NN05000610
R699		4822 116 82487	CHIP, 0Ω 1/16W	NN05000610
L607			CHIP,0Ω 1/8W	RI05000180
			P604-SEMICONDUCTORS	
Q601		4822 209 14613	IC, LC83016JE	HC10359030
Q603		4822 209 91009	IC, LC32464PM-80 64K X 4BIT DRAM	HC10338030
Q605		4822 209 14614	IC, AK4320(DAC)	HC10015480
Q607		4822 209 14614	IC, AK4320(DAC)	HC10015480
Q609		4822 209 14615	IC, NJM2115M	HC10172090
Q610		4822 209 14615	IC, NJM2115M	HC10172090
Q611		4822 209 14615	IC, NJM2115M	HC10172090
Q612		4822 209 14615	IC, NJM2115M	HC10172090
Q613		4822 209 71451	IC, NJM4558M(Y)	HC10011090
Q614		4822 209 71451	IC, NJM4558M(Y)	HC10011090
Q617		4822 209 71451	IC, NJM4558M(Y)	HC10011090
Q618		4822 209 71451	IC, NJM4558M(Y)	HC10011090
Q623		4822 130 60146	DIG.TRS., DTC-144EK	BA20004210
Q671		4822 209 14616	IC, AK5340(ADC)	HC10017480
			P604-MISCELLANEOUS	
L601		4822 157 70322	EMI FILTER, NFM61R10T102 1000PF +80% ,-20%	FM32102010
L602		4822 157 10884	EMI FILTER BLM11A221S	FN31000010
L603		4822 157 10884	EMI FILTER BLM11A221S	FN31000010
L606		4822 116 82487	CHIP, 0Ω 1/16W	NN05000610
X671		4822 242 81793	OTHER VIBRATORS, CS20(22.5792HZ) CL10P	FZ02255030
			P704-MAIN AMP CIRCUIT BOARD	
			P704-CAPACITORS	
CN04	KBL	4822 124 21982	ELECT., 3.3μF 50V	EJ33505010
CN04	KGL	4822 124 21982	ELECT., 3.3μF 50V	EJ33505010
CN04	/02B	4822 124 21982	ELECT., 3.3μF 50V	EJ33505010
CN04	UBL	4822 124 40786	ELECT., 2.2μF 50V	EJ22505010
CN05		4822 122 40617	CER., 50V 0.1μF +80 -20%	DD38104010
CN06		4822 124 23056	ELECT., 47μF/16V	EJ47601610
CN07		4822 124 23056	ELECT., 47μF/16V	EJ47601610
CN08		4822 124 23053	ELECT., 1μF/50V	EJ10505010
CN09		4822 126 10935	ELECT., 100μF/10V	EJ10701010
CN10		4822 122 40617	CER., 0.1μF +80% -20% 50V	DD38104010
CN12		4822 122 40617	CER., 0.1μF +80% -20% 50V	DD38104010
CN15	SR770 /02B	4822 122 30043	CER..,0.01μF +80% -20% 50V	DK18103310
CN16	SR770 /02B	4822 122 30043	CER..,0.01μF +80% -20% 50V	DK18103310
C701		4822 124 22275	ELECT., 47μF ±20% 10V	OA47601020
C702		4822 124 22275	ELECT., 47μF ±20% 10V	OA47601020
C703	K,U	4822 122 31349	CER., 68PF ±5% CH 50V	DD15680300
C704	K,U	4822 122 31349	CER., 68PF ±5% CH 50V	DD15680300

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C711		4822 124 23562	ELECT., 10μF ±20% 100V	OA10610020
C712		4822 124 23562	ELECT., 10μF ±20% 100V	OA10610020
C715		4822 122 31205	CER., 47PF ±5% CH 50V	DD15470300
C716		4822 122 31205	CER., 47PF ±5% CH 50V	DD15470300
C719 I C722		4822 124 40751	ELECT., 470μF ±20% 63V	OA47706320
C723 I C726		4822 124 90351	ELECT., 0.1μF ±20% 50V	OA10405020
C751		4822 124 22275	ELECT., 47μF ±20% 10V	OA47601020
C752	K,U	4822 122 31349	CER., 68PF ±5% CH 50V	DD15680300
C756		4822 124 23562	ELECT., 10μF ±20% 100V	OA10610020
C758		4822 122 31205	CER., 47PF ±5% CH 50V	DD15470300
C760		4822 124 40751	ELECT., 470μF ±20% 63V	OA47706320
C761		4822 124 40751	ELECT., 470μF ±20% 63V	OA47706320
C762		4822 124 41604	ELECT., 0.1μF/50V	EJ10405010
C763		4822 124 41604	ELECT., 0.1μF/50V	EJ10405010
C801		4822 126 12453	CER., 0.01μF +80% -20% E 500V	DK18103560
▲ C802	SR870	4822 124 11828	ELECT., 18000μF 71V	EB18907110
▲ C802	SR770		ELECT., 8200μF 63V	EB82806370
▲ C803	SR870	4822 124 11828	ELECT., 18000μF 71V	EB18907110
▲ C803	SR770		ELECT., 8200μF 63V	EB82806370
C804		4822 126 12453	CER., 0.01μF +80% -20% E 500V	DK18103560
▲ C805	SR870	4822 124 80646	ELECT., 8200μF ±20% 56V	EB82805650
▲ C805	SR770	4822 126 12866	ELECT., 4700μF ±20% 50V	EB47805040
▲ C806	SR870	4822 124 80646	ELECT., 8200μF ±20% 56V	EB82805650
▲ C806	SR770	4822 126 12866	ELECT., 4700μF ±20% 50V	EB47805040
C807		4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
C808		4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
C811		4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
C812		4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
C815		4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
C816		4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
C820		4822 122 40586	CER., 10000PF	DA17103110
C824		4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
C899	SR870 /02B	4822 122 30043	CER., 0.01μF +80% -20% 50V	DK18103310
			P704-CAPACITORS (COMMON)	
C***			ELECTROLYTIC CAP. TYPE,TOLERANCE ±20%: C707,C710,C754,C759,C809, C810, C813,C814,C817,C818, C821-C823,C825-C829,CN03	
C***			HIGH DIELECTRIC CONSTANT CERAMIC CAP. ±10% 50V: CN13,CN14[SR770/02B] C703[/02B],C704 [/02B],C705, C706,C713,C714, C752[/02B], C753,C757	
			P704-RESISTORS	
▲ RN01	SR870	4822 052 10122	1.2KΩ ±5% 1/6W	GG05122160
▲ RN01	SR770	4822 052 10471	470Ω ±5% 1/6W	GG05471160
▲ RN02	SR870	4822 052 10122	1.2KΩ ±5% 1/6W	GG05122160
▲ RN02	SR770	4822 052 10471	470Ω ±5% 1/6W	GG05471160

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RN20		4822 050 22262	2.2KΩ ±5% 1/4W	GG05222140
RN27		4822 053 10561	560Ω ±5% 1W	GA05561010
RN28		4822 053 10561	560Ω ±5% 1W	GA05561010
⚠ RN35		4822 052 10109	10Ω ±5% 1/6W	GG05100160
⚠ RN43 | ⚠ RN46		4822 052 10101	100Ω ±5% 1/6W	GG05101160
⚠ RN51	SR870	4822 052 10122	1.2KΩ ±5% 1/6W	GG05122160
⚠ RN51	SR770	4822 052 10471	470Ω ±5% 1/6W	GG05471160
⚠ RN57		4822 052 10101	100Ω ±5% 1/6W	GG05101160
⚠ RN58		4822 052 10101	100Ω ±5% 1/6W	GG05101160
RN63		4822 101 11664	TRIM, 100Ω	RA01010780
RN64		4822 101 11664	TRIM, 100Ω	RA01010780
RN70		4822 101 11664	TRIM, 100Ω	RA01010780
⚠ R707	SR770		1.5KΩ ±5% 1/6W	GG05152160
⚠ R708	SR770		1.5KΩ ±5% 1/6W	GG05152160
⚠ R721	SR770	4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R722	SR770	4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R723	SR870	4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R724	SR870	4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R725		4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R726		4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R729	SR870	4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R730	SR870	4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R731		4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R732		4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R737 | ⚠ R740		4822 052 10569	56Ω ±5% 1/6W	GG05560160
R743		4822 100 20681	TRIM, 2.2KΩ RH0638CJ3R	RA02220780
R744		4822 100 20681	TRIM, 2.2KΩ RH0638CJ3R	RA02220780
⚠ R749 | ⚠ R752		4822 052 10228	2.2Ω ±5% 1/6W	GG05022160
⚠ R753		4822 050 21801	180Ω ±5% 1/4W	GG05181140
⚠ R753	SR770 K/02B	4822 050 10151	150Ω ±5% 1/6W	GG05151160
⚠ R754		4822 050 21801	180Ω ±5% 1/4W	GG05181140
⚠ R754	SR770 K/02B	4822 050 10151	150Ω ±5% 1/6W	GG05151160
⚠ R755 | ⚠ R758		4822 052 10109	10Ω ±5% 1/4W	GG05100140
⚠ R759		4822 113 80612	0.18Ω ±10% 5W X2 RGC55	BZ10182020
⚠ R760		4822 113 80612	0.18Ω ±10% 5W X2 RGC55	BZ10182020
R761		4822 052 10109	10Ω ±5% 1/6W	GG05100160
R762		4822 052 10109	10Ω ±5% 1/6W	GG05100160
R763		4822 053 10109	10Ω ±5% 1W	GA05100010
R764		4822 053 10109	10Ω ±5% 1W	GA05100010
⚠ R768	SR770		1.5KΩ ±5% 1/6W	GG05152160
⚠ R775	SR770	4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R776	SR870	4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R777		4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R779	SR870	4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R779	SR770 K/02B	4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R780		4822 052 10561	560Ω ±5% 1/6W	GG05561160
⚠ R783		4822 052 10569	56Ω ±5% 1/6W	GG05560160
⚠ R784		4822 052 10569	56Ω ±5% 1/6W	GG05560160
R786		4822 100 20681	TRIM, 2.2KΩ RH0638CJ3R	RA02220780
⚠ R789		4822 052 10228	2.2Ω ±5% 1/6W	GG05022160

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
⚠ R790		4822 052 10228	2.2Ω ±5% 1/6W	GG05022160
⚠ R791		4822 050 21801	180Ω ±5% 1/4W	GG05181140
⚠ R791	SR770 K/02B	4822 050 10151	150Ω ±5% 1/6W	GG05151160
⚠ R792		4822 052 10109	10Ω ±5% 1/4W	GG05100140
⚠ R793		4822 052 10109	10Ω ±5% 1/4W	GG05100140
⚠ R794		4822 113 80612	0.18Ω ±10% 5W X2 RGC55	BZ10182020
R795		4822 052 10109	10Ω ±5% 1/6W	GG05100160
R796		4822 053 10109	10Ω ±5% 1W	GA05100010
⚠ R801 | ⚠ R804	UBL	4822 117 10158	1Ω ±5% 1/4W	GG05010140
⚠ U700	K/02B	4822 117 10158	1Ω ±5% 1/4W	GG05010140
⚠ U701	K/02B	4822 117 10158	1Ω ±5% 1/4W	GG05010140
⚠ U702	K/02B	4822 117 10158	1Ω ±5% 1/4W	GG05010140
⚠ U703	K/02B	4822 117 10158	1Ω ±5% 1/4W	GG05010140
			P704-RESISTORS (COMMON)	
R***			CARBON FILM FIXED RES., ±5% 1/6W:R701,-R722,R727, R728,R733,R734,R741,R742, R745-R748,R765-R778,R781, R785,R785,R787,R788, R797-R799,RN03-RN08, RN10-RN16,RN21-RN26, RN30-RN33,RN36,RN41,RN42, RN52-RN56,RN61,RN62	
			P704-SEMICONDUCTORS	
DN01 | DN04		4822 130 82421	DIODE, 1D3 1A/200V	HD20002710
DN07		4822 130 80837	DIODE, HSS81TD 150V 150MA	HD20027010
DN08		4822 130 80837	DIODE, HSS81TD 150V 150MA	HD20027010
DN09		4822 130 82421	DIODE, 1D3 1A/200V	HD20002710
DN51		4822 130 82421	DIODE, 1D3 1A/200V	HD20002710
DN52		4822 130 80837	DIODE, HSS81TD 150V 150MA	HD20027010
D701 | D704		4822 130 32362	DIODE,1SS176,MA165,1SS254 30V 0.1A	HD20002000
D705		4822 130 80837	DIODE, HSS81TD 150V 150MA	HD20027010
D706		4822 130 80837	DIODE, HSS81TD 150V 150MA	HD20027010
D707		4822 130 80837	DIODE, HSS81TD 150V 150MA	HD20027010
D708		4822 130 80837	DIODE, HSS81TD 150V 150MA	HD20027010
D709 | D712		4822 130 31554	ZENER DIODE, 4.3V MTZJ4.3B RD4.3ES-B2 04AZ4.3Y	HD30431000
D751		4822 130 32362	DIODE,1SS176,MA165,1SS254 30V 0.1A	HD20002000
D752		4822 130 32362	DIODE,1SS176,MA165,1SS254 30V 0.1A	HD20002000
D753		4822 130 80837	DIODE, HSS81TD 150V 150MA	HD20027010
D754		4822 130 80837	DIODE, HSS81TD 150V 150MA	HD20027010
D755		4822 130 31554	ZENER DIODE, 4.3V MTZJ4.3B RD4.3ES-B2 04AZ4.3Y	HD30431000
D756		4822 130 31554	ZENER DIODE, 4.3V MTZJ4.3B RD4.3ES-B2 04AZ4.3Y	HD30431000
⚠ D801		4822 130 33133	DIODE, D5FB20 200V 5A W/FIN	HE20012290

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
⚠ D802		4822 130 31007	DIODE, S4VB20	HE20015290
⚠ D803		4822 130 33057	DIODE, S2VB20	HE20011290
⚠ D804		4822 130 33057	DIODE, S2VB20	HE20011290
D805		4822 130 82421	DIODE, 1D3 1A/200V	HD20002710
D806		4822 130 82421	DIODE, 1D3 1A/200V	HD20002710
D807		4822 130 82421	DIODE, 1D3 1A/200V	HD20002710
D808		4822 130 82421	DIODE, 1D3 1A/200V	HD20002710
D809		4822 130 82421	DIODE, 1D3 1A/200V	HD20002710
QN01		4822 130 43233	TRS., 2SC2240 GR OR BL	HT322402A0
QN02		4822 130 43233	TRS., 2SC2240 GR OR BL	HT322402A0
QN03		4822 130 42949	TRS., 2SA970 (GR) OR (BL)	HT109702A0
QN04		4822 209 83312	IC, TA7317P	HC10042050
QN07		4822 130 42715	TRS., A608SP,A1048,A1309,A933S	HT10001000
QN08		4822 130 60696	TRS., 2SC1627 O,Y 80V 300MA 600MW TO	HT316272B0
QN51		4822 130 43233	TRS., 2SC2240 GR OR BL	HT322402A0
Q701		4822 130 42949	TRS., 2SA970 (GR) OR (BL)	HT109702A0
Q702		4822 130 42949	TRS., 2SA970 (GR) OR (BL)	HT109702A0
Q703		4822 130 42949	TRS., 2SA970 (GR) OR (BL)	HT109702A0
Q704		4822 130 42949	TRS., 2SA970 (GR) OR (BL)	HT109702A0
Q705		4822 130 42949	TRS., 2SA970 (GR) OR (BL)	HT109702A0
Q706		4822 130 42949	TRS., 2SA970 (GR) OR (BL)	HT109702A0
Q707	SR870	4822 130 43283	TRS., 2SC2705 O OR Y	HT327052A0
Q707	SR770	4822 130 43233	TRS., 2SC2240 GR OR BL	HT322402A0
Q708	SR870	4822 130 43283	TRS., 2SC2705 O OR Y	HT327052A0
Q708	SR770	4822 130 43233	TRS., 2SC2240 GR OR BL	HT322402A0
Q709	SR870	4822 130 43283	TRS., 2SC2705 O OR Y	HT327052A0
Q709	SR770	4822 130 43233	TRS., 2SC2240 GR OR BL	HT322402A0
Q710	SR870	4822 130 43283	TRS., 2SC2705 O OR Y	HT327052A0
Q710	SR770	4822 130 43233	TRS., 2SC2240 GR OR BL	HT322402A0
⚠ Q711	SR870	5322 130 61728	TRS., 2SA1360 O OR Y	HT113602A0
⚠ Q711	SR770	5322 130 42999	TRS., 2SA1145 O OR Y	HT111452A0
⚠ Q712	SR870	5322 130 61728	TRS., 2SA1360 O OR Y	HT113602A0
⚠ Q712	SR770	5322 130 42999	TRS., 2SA1145 O OR Y	HT111452A0
⚠ Q713	SR870	5322 130 61737	TRS., 2SC3423 O OR Y	HT334232A0
⚠ Q713	SR770	5322 130 43283	TRS., 2SC2705 O OR Y	HT327052A0
⚠ Q714	SR870	5322 130 61737	TRS., 2SC3423 O OR Y	HT334232A0
⚠ Q714	SR770	5322 130 43283	TRS., 2SC2705 O OR Y	HT327052A0
⚠ Q715		4822 130 60117	TRS., C3419Y 40V 0.8A PC=1.2W(5W)	HT334191Y0
⚠ Q716		4822 130 60117	TRS., C3419Y 40V 0.8A PC=1.2W(5W)	HT334191Y0
⚠ Q717	SR870	4822 130 63312	TRS., 2SC4883 O OR Y	HT348832A0
⚠ Q717	SR770	4822 130 62335	TRS., 2SD2033 E	HT420331E0
⚠ Q718	SR870	4822 130 63312	TRS., 2SC4883 O OR Y	HT348832A0
⚠ Q718	SR770	4822 130 62335	TRS., 2SD2033 E	HT420331E0
⚠ Q719	SR870	4822 130 63308	TRS., 2SA1859 O OR Y	HT118592A0
⚠ Q719	SR770		TRS., 2SB1353 E	HT213531E0
⚠ Q720	SR870	4822 130 63308	TRS., 2SA1859 O OR Y	HT118592A0
⚠ Q720	SR770		TRS., 2SB1353 E	HT213531E0
⚠ Q721	SR870	4822 130 63121	TRS., 2SC3281 R OR O 200V 15A 150W	HT332812A0
⚠ Q721	SR770	4822 130 43306	TRS., 2SC3182 R OR O	HT331822A0
⚠ Q722	SR870	4822 130 63121	TRS., 2SC3281 R OR O 200V 15A 150W	HT332812A0
⚠ Q721	SR770	4822 130 43306	TRS., 2SC3182 R OR O	HT331822A0
⚠ Q723	SR870	4822 130 63119	TRS., 2SA1302 R OR O 200V 15A 150W	HT113022A0
⚠ Q723	SR770	4822 130 43019	TRS., 2SA12656 R OR O	HT112652A0

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
⚠ Q724	SR870	4822 130 63119	TRS., 2SA1302 R OR O 200V 15A 150W	HT113022A0
⚠ Q724	SR770	4822 130 43019	TRS., 2SA12656 R OR O	HT112652A0
Q751		4822 130 42949	TRS., 2SA970 (GR) OR0 (BL)	HT109702A0
Q752		4822 130 42949	TRS., 2SA970 (GR) OR (BL)	HT109702A0
Q753		4822 130 42949	TRS., 2SA970 (GR) OR (BL)	HT109702A0
Q754	SR870	4822 130 43283	TRS., 2SC2705 O OR Y	HT327052A0
Q754	SR770	4822 130 43233	TRS., 2SC2240 GR OR BL	HT322402A0
Q755	SR870	4822 130 43283	TRS., 2SC2705 O OR Y	HT327052A0
Q755	SR770	4822 130 43233	TRS., 2SC2240 GR OR BL	HT322402A0
⚠ Q756	SR870	5322 130 61728	TRS., 2SA1360 O OR Y	HT113602A0
⚠ Q756	SR770	5322 130 42999	TRS., 2SA1145 O OR Y	HT111452A0
⚠ Q757	SR870	5322 130 61737	TRS., 2SC3423 O OR Y	HT334232A0
⚠ Q757	SR770	5322 130 43283	TRS., 2SC2705 O OR Y	HT327052A0
⚠ Q758		4822 130 60117	TRS., C3419Y 40V 0.8A PC=1.2W(5W)	HT334191Y0
⚠ Q759	SR870	4822 130 63312	TRS., 2SC4883 O OR Y	HT348832A0
⚠ Q759	SR770	4822 130 62335	TRS., 2SD2033 E	HT420331E0
⚠ Q760	SR870	4822 130 63308	TRS., 2SA1859 O OR Y	HT118592A0
⚠ Q760	SR770		TRS., 2SB1353 E	HT213531E0
⚠ Q761	SR870	4822 130 63121	TRS., 2SC3281 R OR O 200V 15A 150W	HT332812A0
⚠ Q761	SR770	4822 130 43306	TRS., 2SC3182 R OR O	HT331822A0
⚠ Q762	SR870	4822 130 63119	TRS., 2SA1302 R OR O 200V 15A 150W	HT113022A0
⚠ Q762	SR770	4822 130 43019	TRS., 2SA12656 R OR O	HT112652A0
⚠ Q801		4822 209 83317	IC, NJM7815FA +15V 1A	HC38915090
⚠ Q802		4822 209 31864	IC, NJM7915FA -15V 1A	HC39915090
⚠ Q803		4822 209 31631	IC, NJM7805FA +5V 1A	HC38905090
⚠ Q804		4822 209 63179	IC, NJM7905FA -5V 1A	HC39905090
⚠ Q805		4822 209 31631	IC, NJM7805FA +5V 1A	HC38905090
			P704-MISCELLANEOUS	
⚠ F802	SR870 K/02B	4822 253 30358	FUSE, 5A 250V BS LISTED	FS10500850
⚠ F802	SR770 K/02B	4822 253 30387	FUSE, T4A 250V BS LISTED	FS10400850
⚠ F802	SR870 U		FUSE, 6.3A 125V FTB	FS10630350
⚠ F802	SR770 U		FUSE, 5A 125V FTB	FS10500350
⚠ F803	SR870 K/02B	4822 253 30358	FUSE, 5A 250V BS LISTED	FS10500850
⚠ F803	SR770 K/02B	4822 253 30387	FUSE, T4A 250V BS LISTED	FS10400850
⚠ F803	SR870 U		FUSE, 6.3A 125V FTB	FS10630350
⚠ F803	SR770 U		FUSE, 5A 125V FTB	FS10500350
⚠ F804	SR770 U		FUSE, T2A 250V TR-5	FS20200210
⚠ F805	SR770 U		FUSE, T2A 250V TR-5	FS20200210
J806			JACK, CLIP FOR 20MM FUSE	YJ08000590
J807			JACK, CLIP FOR 20MM FUSE	YJ08000580
J808			JACK, CLIP FOR 20MM FUSE	YJ08000590
J809			JACK, CLIP FOR 20MM FUSE	YJ08000580
LN01		4822 280 10305	RELAY, VB-18MBU-565-UL3	LY20180020
LN02		4822 280 10305	RELAY, VB-18MBU-565-UL3	LY20180020
⚠ LN03		4822 280 20501	RELAY, MR62-24SR 24V	LY20240410
⚠ LN51		4822 280 10305	RELAY, VB-18MBU-565-UL3	LY20180020

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
L701		4822 157 70022	AIR COIL, SPK CHOCK	ML08010030
L702		4822 157 70022	AIR COIL, SPK CHOCK	ML08010030
L751		4822 157 70022	AIR COIL, SPK CHOCK	ML08010030
			P754-SPK TERMINAL CIRCUIT BOARD	
			P754-CAPACITORS	
C727				
|	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C730				
C731	/02B	4822 122 30103	CER., 0.022 μF +80% -20%	DK18223310
C732	/02B	4822 122 30103	CER., 0.022 μF +80% -20%	DK18223310
C733	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C734	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C764	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
C765	/02B	4822 122 30043	CER., 0.01 μF +80% -20% 50V	DK18103310
			P754-MISCELLANEOUS	
J704		4822 290 61179	TERMINAL, LTS0810-1002 SPK-TERMINAL 8P	YT01080120
J751		4822 290 61219	TERMINAL, LTS0210-1002 SPK-TERMINAL 2P	YT01020220
014K		4822 417 20168	BUSHING, SPK BUSH	306V259030